

**APPENDIX C**  
**Phase I ESA**

**PHASE I ENVIRONMENTAL  
SITE ASSESSMENT**

Former Stauffer Chemical Company Facility  
2112 East 223rd Street  
Carson, California 90745

November 22, 2019



**AVOCET**  
ENVIRONMENTAL, INC.

# **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street  
Carson, California 90745

November 22, 2019

## **PREPARED FOR**

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Project No. 1362.005





November 22, 2019

Project No. 1362.005

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**Phase I Environmental Site Assessment**  
Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street  
Carson, California 90745

Dear Mr. Accame:

This report documents a Phase I Environmental Site Assessment for the approximately 14-acre former Stauffer Chemical Company property at 2112 East 223<sup>rd</sup> Street in Carson, California. If you have any questions about the report or require additional information, please do not hesitate to contact the undersigned at (949) 296-0977 Ext. 102 or at [pmiller@avocetenv.com](mailto:pmiller@avocetenv.com). As always, Avocet Environmental, Inc. appreciates the opportunity to be of service to Panattoni Development Company, Inc.

Respectfully submitted,

AVOCET ENVIRONMENTAL, INC.

A handwritten signature in black ink, appearing to read "Philip Miller".

Philip Miller, P.E.  
Principal

PM:sh  
Enclosure

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Phase I Environmental Site Assessment

TABLE OF CONTENTS

LIST OF TABLES ..... iv
LIST OF FIGURES ..... iv
LIST OF ABBREVIATIONS AND ACRONYMS ..... v
EXECUTIVE SUMMARY ..... ES-1
SUMMARY OF SITE HISTORY AND OPERATIONS ..... ES-1
SITE SETTING ..... ES-3
RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs) ..... ES-3
CONTROLLED RECs (CRECs) ..... ES-4
HISTORICAL RECs (HRECs) ..... ES-4
OTHER ENVIRONMENTAL FEATURES (OEFs) ..... ES-5
1.0 INTRODUCTION ..... 1
1.1 OVERVIEW ..... 1
1.1.1 Facility History and Operations ..... 1
1.1.2 Subsurface Investigation and Remediation ..... 2
1.2 PHASE I ESA OBJECTIVES ..... 5
1.3 APPROACH ..... 5
1.4 LIMITATIONS ..... 6
1.5 REPORT ORGANIZATION ..... 6
2.0 SOURCES OF INFORMATION ..... 8
2.1 TOPOGRAPHIC MAPS ..... 8
2.2 AERIAL PHOTOGRAPHS ..... 8
2.3 FIRE INSURANCE MAPS ..... 8
2.4 CITY DIRECTORIES ..... 8
2.5 WALKOVER SURVEY AND COMMUNICATIONS WITH OWNER ..... 8
2.6 GOVERNMENT DATABASES ..... 9
2.7 SITE-SPECIFIC ENVIRONMENTAL REPORTS ..... 9
2.8 INFORMATION FROM LOCAL AND STATE AGENCIES ..... 9
2.9 OIL AND GAS RECORDS ..... 11
2.10 RADON GAS RECORDS ..... 11
3.0 BACKGROUND AND REGIONAL INFORMATION ..... 12
3.1 SURFACE WATER AND DRAINAGE ..... 12
3.2 PHYSIOGRAPHIC SETTING ..... 12
3.3 REGIONAL GEOLOGY ..... 12
3.4 REGIONAL HYDROGEOLOGY ..... 13
3.5 LOCAL HYDROSTRATIGRAPHY ..... 14
3.6 OIL AND GAS WELLS ..... 16
3.7 RADON GAS ..... 17

# Phase I Environmental Site Assessment

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page ii  
November 22, 2019

	<u>Page</u>
<b>4.0 SITE HISTORY AND CURRENT CONDITION .....</b>	<b>18</b>
4.1 SITE HISTORY .....	18
4.1.1 Predevelopment History, 1896 - <1958.....	18
4.1.2 PVC Manufacturing, 1958 to 1982.....	20
4.1.3 Post Stauffer Land Use, 1982 – Present.....	21
4.2 CURRENT SITE CONDITIONS.....	22
4.3 KNOWN RELEASES AND ENVIRONMENTAL FEATURES .....	23
4.4 OTHER ASTM E1527-13 FEATURES.....	24
<b>5.0 PREVIOUS INVESTIGATIONS AND REMEDIATION .....</b>	<b>25</b>
5.1 INITIAL SOIL INVESTIGATION, CONVERSE, 1982 .....	25
5.2 PRE-DEMOLITION INVESTIGATION, BROWN & CALDWELL, 1986 .....	25
5.3 UST REMOVALS, OHM, OCTOBER 1993 .....	26
5.4 PHASE I REMEDIAL INVESTIGATION, ENSR, 1995 .....	27
5.5 SOIL OU REMEDIATION, 1997 - 2011 .....	28
5.6 ADDITIONAL GROUNDWATER ASSESSMENT, 1995 - 2006.....	31
5.7 GROUNDWATER REMEDIATION, 2011 – PRESENT .....	31
<b>6.0 ADJOINING AND NEARBY PROPERTIES.....</b>	<b>34</b>
6.1 DATABASE LISTINGS.....	34
6.2 TARGET PROPERTY LISTINGS.....	34
6.3 ADJOINING PROPERTIES TO THE NORTH.....	36
6.3.1 Cruise America Facility, 2233 East 223 <sup>rd</sup> Street.....	36
6.3.2 WIN Chevrolet/Hyundai, 2201 East 223 <sup>rd</sup> Street .....	37
6.3.3 Honda, 2055 East 223 <sup>rd</sup> Street .....	38
6.3.4 LACoFD Fire Station #127, 2049 East 223 <sup>rd</sup> Street .....	38
6.4 ADJOINING PROPERTIES TO THE SOUTH .....	39
6.4.1 Marathon Refinery .....	39
6.4.2 PolyOne Facility, 2104 East 223 <sup>rd</sup> Street.....	40
6.4.3 Former Johns Manville Property, 2420 East 223 <sup>rd</sup> Street.....	40
6.5 ADJOINING PROPERTIES TO THE EAST .....	41
6.5.1 Carson Industrial LLC Property, 2254 East 223 <sup>rd</sup> Street .....	41
6.5.2 ARCO Polypropylene, LLC, 2420 East 223 <sup>rd</sup> Street .....	42
6.6 SOLUTIA PROPERTY TO THE WEST .....	42
6.7 OFFSITE DATABASE LISTINGS.....	43
6.7.1 Niklor Chemical Co., 2060 East 220 <sup>th</sup> Street.....	44
6.7.2 Rainbow, 21119 Wilmington Avenue, Carson .....	44
<b>7.0 SUMMARY AND CONCLUSIONS.....</b>	<b>46</b>
7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS .....	46
7.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS .....	46
7.3 HISTORICAL RECs (HRECs): .....	47
7.4 OTHER ENVIRONMENTAL FEATURES (OEFs).....	48
<b>REFERENCES.....</b>	<b>50</b>

## Phase I Environmental Site Assessment

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page iii  
November 22, 2019

Page

### **TABLES**

### **FIGURES**

- APPENDIX A: CONSENT AGREEMENT AND IMMINENT AND SUBSTANTIAL ENDANGERMENT ORDER, JUNE 27, 1994**
- APPENDIX B: SUMMARY OF SITE ENVIRONMENTAL CONDITIONS, AECOM, JANUARY 2011**
- APPENDIX C: LAND USE COVENANT AND AGREEMENT, RECORDED SEPTEMBER 4, 2013**
- APPENDIX D: DTSC REMEDIAL ACTION CERTIFICATION FORM**
- APPENDIX E: FIGURES FROM 1<sup>ST</sup> SEMI-ANNUAL MONITORING REPORT, GROUP DELTA, SEPTEMBER 2019**
- APPENDIX F: HISTORICAL TOPOGRAPHIC MAPS**
- APPENDIX G: HISTORICAL AERIAL PHOTOGRAPHS**
- APPENDIX H: CERTIFIED SANBORN<sup>®</sup> MAP REPORT**
- APPENDIX I: THE EDR-CITY DIRECTORY ABSTRACT**
- APPENDIX J: SITE PHOTOGRAPHS**
- APPENDIX K: EDR RADIUS MAP<sup>™</sup> REPORT WITH GEOCHECK<sup>®</sup>**

## Phase I Environmental Site Assessment

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page iv  
November 22, 2019

### LIST OF TABLES

<u>Table No.</u>	<u>Title</u>
1	EDR Database Listings

### LIST OF FIGURES

<u>Figure No.</u>	<u>Title</u>
1	Location Map
2	Vicinity Map
3	Former Facility Plan
4	Former VLE System Layout
5	Residual 1,2-DCA in Soil
6	Residual VC in Soil
7	EISB System Layout
8	Site Features



## Phase I Environmental Site Assessment

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page v  
November 22, 2019

### LIST OF ABBREVIATIONS AND ACRONYMS

AOC	area of concern
ARCO	Atlantic Richfield Company
AST	aboveground storage tank
ASTM	ASTM International
bgs	below ground surface
CalEPA	California Environmental Protection Agency
CDPH	California Department of Public Health
CDWR	California Department of Water Resources
CPT	cone penetrometer test
CREC	controlled REC
1,2-DCA	1,2-dichloroethane
1,1-DCE	1,1-dichloroethylene
DNAPL	dense nonaqueous-phase liquid
DOGGR	California Division of Oil, Gas, and Geothermal Resources
DTSC	California Department of Toxic Substances Control
EAI	Environmental Audit, Inc.
EDC	ethylene dichloride
EDR	Environmental Data Resources, Inc.
EISB	enhanced <i>in-situ</i> anaerobic bioremediation
ELCR	estimated lifetime cancer risk
ENSR	ENSR Consulting and Engineering
EPA	U.S. Environmental Protection Agency
ESA	environmental site assessment
EVO	emulsified vegetable oil
gpm	gallon per minute
HHRA	human health risk assessment
HREC	historical recognized environmental condition
ISTD	<i>in-situ</i> thermal destruction
LACoDPH	Los Angeles County Department of Public Health
LACoDPW	Los Angeles County Department of Public Works
LACoFD	Los Angeles County Fire Department
LACoSD	Sanitation Districts of Los Angeles County
LARWQCB	California Regional Water Quality Control Board, Los Angeles Region
LNAPL	light nonaqueous-phase liquid
LTCP	low threat closure policy
LUC	land use covenant
mg/kg	milligram per kilogram
mg/L	milligram per liter
MNA	monitored natural attenuation
msl	mean sea level
MTBE	methyl <i>tert</i> -butyl ether

## Phase I Environmental Site Assessment

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page vi  
November 22, 2019

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NFA	no further action
OEF	other environmental feature
OHM	OHM Remediation Services Corporation
OU	operable unit
PCE	tetrachloroethylene
pCi/L	picocuries per liter
PVC	polyvinyl chloride
RAP	remedial action plan
RBC	risk-based concentration
REC	recognized environmental condition
RSL	Regional Screening Level
SMC	Stauffer Management Company, LLC
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TCE	trichloroethylene
TOC	total organic carbon
TPH	total petroleum hydrocarbons
TPH-g	total petroleum hydrocarbons as gasoline
TRPH	total recoverable petroleum hydrocarbons
µg/L	microgram per liter
USGS	U.S. Geological Survey
UST	underground storage tank
VC	vinyl chloride
VCM	vinyl chloride monomer
VLE	vapor liquid extraction
VOC	volatile organic compound
WDR	Waste Discharge Requirement

## Phase I Environmental Site Assessment

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page ES-1  
November 22, 2019

### EXECUTIVE SUMMARY

This report documents a Phase I environmental site assessment (ESA) for the approximately 14-acre<sup>1</sup> Stauffer Management Company LLC (SMC) property at 2212 East 223<sup>rd</sup> Street in Carson, California (the site). Between 1959 and 1982, the now vacant site was a polyvinyl chloride (PVC) manufacturing facility (the facility) operated by American Chemical Company and Stauffer Chemical Company (Stauffer). As a result of PVC manufacturing operations, soil and groundwater beneath the site are contaminated with volatile organic compounds (VOCs) and the site is subject to a consent order with the California Department of Toxic Substances Control (DTSC). Soil remediation at the former Stauffer facility has been completed, although significant residual contamination remains at depth, and groundwater remediation is ongoing. Because of the residual soil contamination, the site is “deed-restricted” through a land use covenant (LUC).

Avocet Environmental, Inc. (Avocet) conducted this Phase I ESA in general accordance with the scope and limitations of ASTM International (ASTM) Standard E1527-13 while recognizing that the site is contaminated, is subject to the DTSC consent order and a LUC, but is “mature” in having undergone approximately 37 years of subsurface investigation and remediation. Moreover, the Phase I ESA recognizes that Stauffer’s successor in interest is responsible for soil and groundwater contamination related to its former operations and the potential future consequences thereof. This report updates and supersedes Avocet’s February 16, 2014 draft Phase I ESA report for the subject site.

### SUMMARY OF SITE HISTORY AND OPERATIONS

The approximately 14-acre SMC property was first developed in 1958 by American Chemical Company as a PVC manufacturing facility. Prior to 1958, the property and much of the surrounding area had been agricultural. American Chemical Company was a joint venture between Stauffer and ARCO, although Stauffer purchased ARCO’s interest in 1974 and thereafter was the sole owner/operator until PVC manufacturing operations ceased in 1982. American Chemical Company and Stauffer produced PVC resin utilizing ethylene chloride, ethylene dichloride (EDC, aka 1,2-dichloroethane or 1,2-DCA) and vinyl chloride monomer (VCM) as manufacturing intermediates. The original manufacturing plant was located in the southwest corner of the SMC property, in what became known as Area 1, with the remainder (Area 2) occupied by office and support buildings or vacant. In 1961, 1964, and 1971, the plant was expanded eastward, eventually occupying all of the SMC property. In 1978, Stauffer expanded the plant again into the adjoining former Coon Trust property (Area 3) to the east. In addition to numerous aboveground storage tanks (ASTs) for raw materials, intermediary and finished products, and waste products, the SMC property featured three underground storage tanks (USTs) in which leaded gasoline and waste oil were stored. All three of these USTs were permanently closed by removal in 1993 and are covered by a “no further action” (NFA) letter

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<sup>1</sup> The acreages and measurements provided in this report are approximate only and have not been independently verified by Avocet unless specifically indicated otherwise.

## Phase I Environmental Site Assessment

issued by the Los Angeles County Department of Public Works (LACoDPW). The facility also included wastewater treatment facilities in which wastewater, and later surface water runoff, was treated prior to discharge to the sanitary sewer system. Avocet has not been able to determine the type (e.g., tiered permit) and status (e.g., active or closed with no outstanding obligations) of the permit under which treated wastewater was discharged to the sanitary sewer. In 1982, Stauffer ceased manufacturing PVC resin and, over the next few years, demolished and removed its former infrastructure “to grade,” leaving foundations and other subsurface features, including pipelines, in place. No use has been made of the SMC property since Stauffer terminated PVC manufacturing operations in 1982.

American Chemical Company and Stauffer manufacturing operations resulted in very significant impacts to vadose zone soil and groundwater. The principal contaminants include 1,2-DCA, vinyl chloride (VC), and trichloroethylene. Consistent with the concentration of manufacturing infrastructure, most of the soil impacts were beneath the SMC property; however, migration in the subsurface resulted in localized vadose zone impacts beneath the adjoining former Coon Trust property. The highest contaminant concentrations in groundwater were in the uppermost water-bearing zone, dubbed Unit A, but groundwater in three deeper water-bearing zones has also been impacted. Laterally, contaminants in groundwater have migrated from the SMC property beneath neighboring properties, many of which have their own groundwater contamination issues, and beneath the former Coon Trust property. After characterizing subsurface conditions, SMC remediated vadose zone soil using high-vacuum vapor liquid extraction (VLE) between 1998 and 2011. In its 13 years of operation, the VLE system is estimated to have removed 300,810 pounds of contaminant mass from the subsurface; however, significant residual contamination remains in fine-grained, saturated soils between 25 and 35 feet below ground surface (bgs), mostly beneath the central process area in Area 2. Soil VOC concentrations in the upper 15 feet of the vadose zone were below the target cleanup levels at the end of the VLE remediation effort. Residual 1,2-DCA and VC isoconcentrations in soil at different depth intervals, as interpreted by AECOM (Appendix B), are presented in Figures 5 and 6, respectively. Because of the residual contamination in soil between 25 and 35 feet bgs, the SMC property has been deed-restricted via a recorded LUC. The LUC for the SMC property prohibits residential and sensitive land uses and requires vapor barriers beneath new buildings unless DTSC accepts “analysis” that indicates they are unnecessary. After the LUC for the SMC property was recorded, DTSC certified the soil remediation effort.

Groundwater remediation using enhanced *in-situ* bioremediation (EISB) was initiated at the former Stauffer facility in 2011 and is ongoing. EISB involves extracting contaminated groundwater from wells along the hydraulically downgradient (western) boundary of the SMC property, amending it with electron donors and nutrients, and then reinjecting it via hydraulically upgradient injection wells located along the northern and eastern boundary of the subject site and the eastern boundary of the adjoining City of Carson property. It is noted that extracted groundwater is not treated to remove VOCs prior to being reinjected. It is further noted that the easement recorded to accommodate the EISB infrastructure will be required until remediation is completed. The duration of the EISB effort is not known but will probably be at least five years.

## Phase I Environmental Site Assessment

### SITE SETTING

Selected information pertaining to the site's physical setting and hydrogeological setting is as follows:

- The site is located south of the “Dominguez Gap” between Dominguez Hill, immediately to the northwest, and Bixby Knolls and Signal Hill to the southeast. Located in the West Coast (groundwater) Basin, the site is underlain by the Bellflower aquitard and several deeper aquifers, including the Gaspur aquifer which occurs within the ancestral channel of the Los Angeles River to the east. Groundwater beneath the site is encountered in the Bellflower or surficial aquifer at around 20 feet bgs but the first aquifer, dubbed Unit A, is encountered at around 35 feet bgs. Groundwater flow in Unit A is to the southwest, although this gradient has been locally impacted by the ongoing EISB groundwater remediation effort. As it is typically of poor quality from a general water quality perspective and available in limited quantities only, no direct beneficial use is made of groundwater in the surficial aquitard and in Unit A.
- The site is surrounded by oil fields but is not located within the administrative boundary of any of them, and the closest “prospect” or “wildcat” well was located approximately 3,900 feet to the west. As such, it is unlikely that the site has been impacted by oil/gas drilling or production. Moreover, as the site is not inside the administrative boundary of an oil field, a combustible gas assessment is not required as a precursor to redevelopment.
- Naturally occurring radon levels in the site vicinity are expected to be very low and within regulatory agency criteria.

### RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs)

ASTM (2013) defines RECs as:

*“. . . the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.”*

ASTM (2013) goes on to define *de minimis* as:

*“. . . a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”*

Based on the subject Phase I ESA, Avocet has identified a single REC at the site as follows:

## Phase I Environmental Site Assessment

- **REC 1 – Groundwater Contamination.** Groundwater in Units A, B, and C beneath the site has been impacted by 1,2-DCA, VC, and other VOCs. Groundwater remediation was initiated in October 2011 but is expected to require at least five years before cleanup goals in Unit A are achieved. As groundwater in Unit A has no direct beneficial uses, the cleanup goals are based on exposure via inhalation of VOC vapors at the ground surface. It is noted in this regard that soil vapor conditions beneath the SMC property have not been assessed since 1995, although the LUC (Appendix C), among other things, requires vapor barriers beneath new buildings unless DTSC accepts “analysis” that indicates they are unnecessary. As groundwater contamination beneath the site has not yet been addressed to DTSC’s satisfaction, and as the LUC for the site was triggered by residual soil contamination (as opposed to groundwater contamination), Avocet does not believe groundwater contamination is an HREC or a CREC.

### CONTROLLED RECs (CRECs)

ASTM (2013) defines CRECs as a REC:

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

Based on the subject Phase I ESA, Avocet has identified a single CREC at the site as follows:

- **CREC 2 – Soil Contamination at 25 to 35 Feet bgs.** Contaminants attributed to releases at the site are present in saturated, low permeability soil between 25 and 35 feet bgs. VLE was not effective in removing VOCs from soil in this vertical interval, which is now being addressed as part of the groundwater remedy. Residual soil contamination between 25 and 35 feet bgs (Figures 5 and 6) resulted in a LUC being recorded for the SMC property. As residual soil contamination between 25 and 35 feet bgs is addressed by the LUC, it is considered a CREC rather than a REC or HREC.

### HISTORICAL RECs (HRECs)

ASTM defines HRECs as:

*“ . . . a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). ”*

## Phase I Environmental Site Assessment

Based on the subject Phase I ESA, Avocet has identified two HRECs at the site as follows:

- **HREC 3 – Soil Contamination at 0 to 15 Feet bgs.** As noted above, contaminants attributed to releases at the site have impacted the surficial aquitard above Unit A as well as groundwater in Unit A and deeper water-bearing zones. To the extent they impacted the upper 15 feet of the unsaturated vadose zone, contaminants in this vertical interval have been addressed by VLE, and DTSC has certified that remediation in that interval is complete. As such, VOC impacts in the upper 15 feet of the unsaturated vadose zone beneath the site are considered an HREC.
- **HREC 4 – Former USTs.** Stauffer operated three single-walled steel USTs in the northwest corner of the subject site: 500- and 2,000-gallon USTs for leaded gasoline and a 500-gallon UST for waste oil. It is not clear when the three USTs were installed but the waste oil UST was taken out of service in 1978 and the gasoline USTs were taken out of service in 1982. In 1993, all three single-wall USTs were permanently closed by removal. Impacted soil was encountered during the removal of the USTs and “over-excavated.” A total of 12 soil matrix samples were collected from beneath the three USTs and the associated piping systems and dispensers and analyzed for a variety of fuel hydrocarbon constituents. None of the soil samples contained fuel hydrocarbons, and on June 29, 1994, the LACoDPW issued an NFA letter for the three USTs.

### OTHER ENVIRONMENTAL FEATURES (OEFs)

OEFs are potential environmental features or conditions that do not meet the definition of a REC, CREC, or HREC but which may warrant mention in the context of acquiring and redeveloping the site. Based on the subject Phase I ESA, Avocet has identified three OEFs at the site, as follows:

- **OEF 5 – Subsurface Piping and Other Infrastructure.** In the years that followed the cessation of manufacturing operations in 1982, SMC demolished and removed buildings and aboveground infrastructure “to grade,” meaning that subsurface infrastructure, including pipelines and possibly sumps and vaults, was left in place. AECOM personnel are unaware whether the pipelines were systematically drained and flushed prior to being abandoned but have reported that pipelines encountered when trenching for remediation system piping did not contain liquids. It would be prudent to assume that subsurface piping and possibly other infrastructure will be encountered during site redevelopment and will have to be addressed appropriately.
- **OEF 6 – Consent Agreement.** The site is subject to continued DTSC oversight pursuant to the Consent Agreement entered in 1994 (Appendix A).
- **OEF 7 – Land Use Covenant.** The LUC (Appendix B) restricts how the SMC property can be used. Assuming Panattoni is not contemplating anything other

## Phase I Environmental Site Assessment

than commercial/industrial redevelopment, the Prohibited Uses (Article 4.01) and Prohibited Activities (Article 4.03) should not apply. However, the articles pertaining to soil management, new construction, and non-interference with the EISB system and associated monitoring wells may apply. With respect to soil management (Article 4.02), DTSC requires a Soil Management Plan if soil at or below 15 feet bgs is to be disturbed. Article 4.04 of the LUC requires that new buildings feature vapor barrier “*unless analysis is provided to indicate vapor barriers are unnecessary as approved by the Department*” (i.e., DTSC). As previously noted, Avocet interprets the non-interference clause (Article 4.05) as requiring future landowners to seek DTSC’s approval to replace any remediation or monitoring infrastructure damaged or destroyed during redevelopment.



## 1.0 INTRODUCTION

This report documents a Phase I environmental site assessment (ESA) for the approximately 14-acre<sup>2</sup> property at 2212 East 223<sup>rd</sup> Street in Carson, California (the site). Between 1959 and 1982, the now-vacant site was a polyvinyl chloride (PVC) manufacturing facility (the facility) operated by American Chemical Company and Stauffer Chemical Company (Stauffer). As a result of PVC manufacturing operations, soil and groundwater beneath the site are contaminated with volatile organic compounds (VOCs). Soil remediation at the former Stauffer facility has been completed, although significant residual contamination remains at depth, and groundwater remediation is ongoing. Because of the residual soil contamination, the site is “deed-restricted” through a land use covenant (LUC).

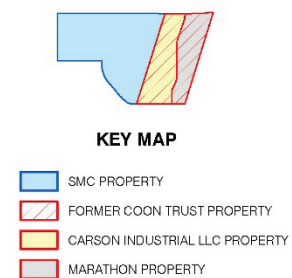
Avocet Environmental, Inc. (Avocet) conducted this Phase I ESA on behalf of Panattoni Development Company, Inc. (Panattoni), one of whose affiliates is considering purchasing the site. The Phase I ESA was conducted in general accordance with the scope and limitations of ASTM International (ASTM) Standard E1527-13 while recognizing that the site is contaminated, is subject to regulatory agency requirements and a LUC, but is “mature” in having undergone approximately 37 years of subsurface investigation and remediation. Moreover, the Phase I ESA recognizes that Stauffer’s successor in interest is responsible for soil and groundwater contamination related to its former operations and the potential future consequences thereof. This report updates and supersedes Avocet’s February 16, 2014 draft Phase I ESA report for the subject site.

### 1.1 OVERVIEW

This section provides a high-level overview of the facility’s history with emphasis on subsurface environmental conditions and the remediation thereof to provide context for the remainder of this Phase I ESA.

#### 1.1.1 Facility History and Operations

The former Stauffer facility is located on the south side of East 223<sup>rd</sup> Street, between Wilmington Avenue and Alameda Street, at the north end of a large industrial area dominated by oil refineries, petrochemical plants, and other heavy industries. The facility location is shown in Figure 1, and a vicinity map identifying neighboring properties is presented in Figure 2. The former facility occupied two adjoining parcels of land comprising a total of 25 acres. The western 14 acres (the subject property) were owned by Stauffer and the eastern 11 acres (the former Coon Trust property) were owned by the estate of I donna Coon and leased to Atlantic Richfield Company (ARCO). In 1959, American Chemical Company, a joint venture between Stauffer and ARCO, began manufacturing PVC resin at the



<sup>2</sup> The acreages and measurements provided in this report are approximate only and have not been independently verified by Avocet unless specifically indicated otherwise.

## Phase I Environmental Site Assessment

subject site with ethylene chloride, ethylene dichloride (EDC, aka 1,2-dichloroethane or 1,2-DCA) and vinyl chloride monomer (VCM) as manufacturing intermediates. Prior to being occupied by the American Chemical Company, the site had been agricultural. The original manufacturing plant was in the southwest corner of the subject property, in what became known as Area 1, with the remainder (Area 2) occupied by office and support buildings or vacant. In 1961, 1964, and 1971, the plant was expanded eastward, eventually occupying all of the subject property. In 1978, Stauffer began leasing the former Coon Trust property (Area 3) and expanded the plant again, although this last expansion involved very few manufacturing and/or product storage facilities. Rather, Stauffer utilized the former Coon Trust property primarily for warehousing. The layout of the former Stauffer facility prior to the cessation of PVC manufacturing is shown in Figure 3.

In 1974, Stauffer acquired ARCO's interest in the joint venture and continued operations until 1982, at which time manufacturing ceased. By 1985, Stauffer had demolished the former manufacturing infrastructure at the facility "to grade" and the few buildings that were left have since been removed. Avocet understands that building pads, other foundations, subsurface piping, and possibly other subsurface infrastructure remain in place. In 1987, Atkemix Thirty Seven Inc., a subsidiary of Stauffer Management Company, became the owner of the western 14 acres of the former facility after Stauffer (i.e., the Stauffer Chemical Company) was sold to Rhone-Poulenc, Inc. In December 2000, Stauffer Management Company and Atkemix Thirty Seven Inc. merged, resulting in the formation of the Stauffer Management Company LLC (SMC), the current owner of the subject western 14 acres. The City of Carson acquired the 11-acre Coon Trust property in October 2003. In 2008, ARCO purchased the eastern 6 acres of the former Coon Trust property from the City of Carson, combined it with the adjoining parcel to the east, and redeveloped it with an office building and related support and recreational facilities. The office building is now occupied by Marathon and the property also serves as an entrance to the Marathon (formerly ARCO) refinery located to the south (Figure 2). In July 2019, Carson Industrial LLC purchased the western 5 acres of the former Coon Trust property from the City of Carson. Avocet understands that Carson Industrial LLC plans to pave the western 5 acres of the former Coon Trust property and lease it to Marathon for employee parking.

### 1.1.2 Subsurface Investigation and Remediation

Stauffer began investigating subsurface environmental conditions beneath the Stauffer facility in 1982, at or around the time manufacturing operations ceased. The California Department of Toxic Substances Control (DTSC) began providing oversight in 1986, and in 1994, DTSC and Stauffer entered into a "Consent Agreement and Imminent and Substantial Endangerment Order" (Docket No. HSA 93/94-005) that governed facility investigation and remediation. So far as Avocet is aware, the Consent Agreement (Appendix A) has been amended but is still in effect. Stauffer's investigations showed that soil and groundwater beneath the former facility were contaminated by 1,2-DCA, vinyl chloride (VC), and other chlorinated solvents used in former manufacturing operations. In brief, soil was impacted in localized "hot spots," believed to coincide with former process areas, with VOC concentrations generally increasing with depth (AECOM, May 2011). The highest VOC concentrations in soil were in a roughly 7-acre portion

## Phase I Environmental Site Assessment

of Area 2, referred to as the former central process area, on the subject SMC property. For remediation purposes, DTSC decided to address subsurface contamination via two “operable units” (OUs), a Soil OU and a Groundwater OU. The Soil OU extended to approximately 35 feet below ground surface (bgs) and includes unsaturated and saturated sediments in the “surficial aquitard” that overlies the Groundwater OU.

After soil vapor extraction in the Soil OU proved ineffective, SMC initiated vadose zone soil remediation in December 1998 using a high-vacuum vapor and liquid extraction (VLE) system. The VLE system was designed to mitigate VOC impacts in unsaturated and saturated soil to 35 feet bgs throughout the approximately 7-acre source area. Initially (Stage 1), the VLE system involved extraction from 16 “multi-phase” extraction wells. In 2000, the VLE system was expanded (Stage 2) to include 90 additional multi-phase extraction wells. In 2007 and 2008, the effectiveness of the VLE system was “enhanced” using compressed nitrogen to pneumatically “fracture” saturated, low-permeability, fine-grained soil between 25 and 35 feet bgs. A number of the “fracking” borings were converted to serve as additional VLE wells. By the time VLE was terminated in November 2011, an estimated 300,810 pounds of VOCs had been removed from the subsurface over 13 years of operation (DTSC, October 15, 2013). The layout of the former VLE system is shown in Figure 4.

On completion of the VLE remediation effort, residual VOC concentrations in unsaturated soil between the ground surface and 15 feet bgs were below the DTSC-approved risk-based concentrations (RBCs) established in a human health risk assessment (HHRA). Residual 1,2-DCA and VC isoconcentrations in soil at different depth intervals, as interpreted by AECOM, are presented in Figures 5 and 6, respectively. Because the fine-grained soil between 25 and 35 feet bgs was saturated, VLE was not as effective and residual VOC concentrations remained above inhalation-based RBCs. As a result, the saturated sediments between 25 and 35 feet bgs were “transferred” to the Groundwater OU and SMC recorded a LUC for the SMC property (SMC, September 4, 2013), which prohibits certain “sensitive” land uses and requires vapor barriers beneath new buildings unless DTSC accepts “analysis” that indicates they are unnecessary. After the LUC was recorded, DTSC “certified” that soil remediation at the former Stauffer facility was complete (DTSC, October 15, 2013). A summary of environmental conditions at the former Stauffer facility, prepared in 2011 by AECOM, SMC’s former consultant, is included as Appendix B to this report. A copy of the September 4, 2013 LUC for the subject SMC property is included in Appendix C, and a copy of DTSC’s October 15, 2013 certification of the Soil OU is included in Appendix D.

In the Groundwater OU, groundwater in four relatively discrete water-bearing zones (Units A through D) has been impacted, primarily by 1,2-DCA, VC, and trichloroethylene (TCE). AECOM has estimated (AECOM, May 2011) that approximately 87 percent of the subsurface VOC mass is comprised of 1,2-DCA, making it the principal contaminant in terms of concentration and lateral and vertical extent. Dissolved VOCs in groundwater extend offsite to the north, south, and west of the SMC property, and also to the east onto the Carson Industrial LLC property. Unit A, interpreted as being the lower part of the Bellflower aquitard or the upper portion of the Gaspur aquifer, contains the highest VOC concentrations, with generally decreasing concentrations in deeper water-bearing zones. Pre-remediation isoconcentrations for

## Phase I Environmental Site Assessment

selected VOCs in the various water-bearing zones are included in Appendix B. The groundwater remedy selected for the facility includes institutional controls and enhanced *in-situ* anaerobic bioremediation (EISB). The institutional controls are outlined in the September 4, 2013 LUC (Appendix C).

The EISB system, which became operational in October 2011, is designed to remediate VOC impacts to groundwater within the three uppermost groundwater-bearing units. The original system involved extracting groundwater from 16 wells located along the hydraulically downgradient (western) facility boundary, amending it with an electron donor (ethanol), and then injecting the amended groundwater into 25 hydraulically upgradient wells: 18 along the northern and eastern boundaries of the SMC property and 7 along the eastern boundary of the adjoining Carson Industrial LLC property. Avocet notes that the extracted groundwater is not treated to remove VOCs prior to being reinjected. Of the 16 original extraction wells, 7 were screened in Unit A, 5 in Unit B, and 4 in Unit C. Of the 25 original injection wells, 11 were screened in Unit A, 8 in Unit B, and 6 in Unit C. The original recirculation rates for Units A, B, and C were approximately 57 gallons per minute (gpm), 92 gpm, and 98 gpm, respectively (AECOM, February 26, 2013).

To optimize performance and address recalcitrant hotspots, the EISB system has been modified several times since remediation began in 2011. Modifications have included converting monitoring wells to injection or extraction wells, installing new extraction and injection wells, converting extraction wells to injection wells and vice versa, and taking extraction or injection wells offline. Also, EISB in Unit C was suspended in February 2015 for rebound monitoring purposes. Limited EISB was resumed in Unit C between August and December 2018 but has since been suspended again. As of April 2019, the EISB system and related monitoring wells were as follows:

Onsite EISB and Monitoring Wells as of April 2019					
Water-Bearing Zone	Extraction		Injection		Monitoring
	Active	Inactive	Active	Inactive	
Unit A	9	3	13	7	7
Unit B	6	0	12	2	7
Unit C	1	2	2	6	8
Unit D	0	0	0	0	5
Unit E	0	0	0	0	1

Notes: (1) In Unit B, 4 of the 12 injection wells are for emulsified vegetable oil (EVO) only  
(2) In Unit C, the active injection and extraction wells are for EVO only

On September 27, 2019, Group Delta proposed additional modifications to address residual source area contamination in Unit A around Wells MW-7A and MW-10A (Group Delta, September 27, 2019). The modifications involve hydraulic fracturing of the aquitard and the injection of EVO via a series of closely spaced direct-push injection borings around Wells MW-7A and MW-10A. Group Delta also proposed to convert two Unit B extraction wells (Wells EX-1B and EX-4B) to injection wells. DTSC approved Group Delta's proposed modifications for implementation via email on October 9, 2019 and Avocet understands that the modifications will be made before the end of 2019. The layout of the current EISB system is

## Phase I Environmental Site Assessment

shown in Figure 7 and figures showing Group Delta's interpretation of groundwater conditions at the site, as reported in its first semi-annual groundwater monitoring report for 2019 (Group Delta, September 30, 2019), are included in Appendix E.

### 1.2 PHASE I ESA OBJECTIVES

Given that the subsurface environment beneath the site has been contaminated and is being remediated by SMC, which Avocet understands will remain responsible for Stauffer-related soil and groundwater contamination, the emphasis of the Phase I ESA is on current conditions and the adequacy of the protective measures implemented to date. Specific objectives of the Phase I ESA are:

- Document the history of the site in the context of the use, storage, handling, and disposal of potentially hazardous substances.
- Review and evaluate available information related to the investigation and remediation of known subsurface impacts.
- Assess the possible presence of previously unidentified hazardous substances that could be present in the subsurface as a result of their past use, storage, handling, or disposal within or near the site.
- Identify "recognized environmental conditions" (RECs), historical RECs (HRECs), and "controlled" RECs (CRECs) as defined in ASTM Standard E1527-13 (ASTM, 2013).
- Identify "other environmental features" (OEFs), defined for Phase I ESA purposes as conditions that do not meet the definition of a REC, HREC, or CREC but which may warrant mention in a comprehensive Phase I ESA.

### 1.3 APPROACH

The subject Phase I ESA was conducted in general accordance with the requirements of ASTM Standard E1527-13 (ASTM, 2013) and included:

- A review of relevant background information, including the history of the site and adjacent properties, past land use, and regional hydrogeologic conditions.
- A review of aerial photographs, topographic maps, and environmental records pertaining to the site.
- Interviews with AECOM and Group Delta, SMC's former and current consultants, respectively, regarding current and past operations at the site and subsurface environmental conditions.

## Phase I Environmental Site Assessment

- A walkover survey of the site on November 18, 2013 for Avocet's original Phase I ESA and another walkover survey on September 19, 2019 specifically for the subject Phase I ESA.
- A review of potential offsite sources of contamination that could adversely impact the subsurface environment beneath the site, including a search of regulatory agency databases and visual surveys of adjoining properties.

The format of this Phase I ESA report is different from that suggested by ASTM; however, all of the elements required by ASTM E1527-13 are included or otherwise addressed.

### 1.4 LIMITATIONS

This Phase I ESA was performed in general accordance with the scope and limitations of ASTM E1527-13 (ASTM, 2013) and the standard of care customary in the environmental consulting industry as of the date of this report. The conclusions in this Phase I ESA report, including the identification of RECs, CRECs, HRECs, and OEFs are based on the information available to Avocet from the sources cited; however, Avocet makes no warranty regarding the accuracy or completeness of this information. Moreover, this Phase I ESA specifically excludes any evaluation of geotechnical conditions, the stability of onsite or adjacent slopes or retaining walls, flooding hazards, seismicity, and the possible impact, if any, of electromagnetic fields associated with onsite or nearby electrical facilities. Also, this report cannot and does not include any evaluation of undocumented activities at the site or on adjacent or nearby properties. The exclusions noted above should not be interpreted to mean that all other potential environmental concerns or conditions are addressed in this Phase I ESA.

Avocet conducted this Phase I ESA on Panattoni's behalf to document environmental conditions at the site for decision making in the context of Carson Industrial, LLC acquiring it for redevelopment. Panattoni Development Company, Inc., Carson Industrial, LLC, and Texas Capital Bank, N.A. may rely upon the information provided in this Phase I ESA report for a period of 180 days from the date of issue. After 180 days, this Phase I ESA should be updated in accordance with ASTM guidance. Avocet will not be liable for any consequential damages arising from the use of this report for other than its intended purpose, for use of this report beyond one year of its issue date, or from unauthorized use by third parties.

### 1.5 REPORT ORGANIZATION

Including the introduction, this Phase I ESA report is organized into eight sections. Section 2.0 describes the various sources of information utilized in preparing this Phase I ESA report. Section 3.0 presents a summary of relevant background and regional information. Section 4.0 describes the history and current condition of the site, including broad descriptions of past operations involving potentially hazardous substances. Section 5.0 summarizes previous and ongoing environmental assessment and remediation work conducted at the site and the adjoining Coon Trust property. Section 6.0 summarizes information gathered from a review of environmental databases maintained by local, state, and federal government agencies and

## Phase I Environmental Site Assessment

describes adjoining and selected nearby properties. Section 7.0 presents a summary and conclusions.

Supporting information is contained in tables, figures, and 11 appendices, all of which follow the text of this report. Appendix A contains a copy of the June 27, 1994 Consent Agreement between Stauffer and DTSC. Appendix B is a summary of environmental conditions at the former Stauffer facility prepared in 2011 by AECOM. Appendix C contains the LUC for the SMC property, and Appendix D contains DTSC's certification of the Soil OU. Appendix E contains figures showing Group Delta's most recent interpretation of the groundwater conditions beneath the site. Appendix F contains historical topographic maps, and Appendix G contains historical aerial photographs. Appendix H is a letter pertaining to the absence of fire insurance map coverage of the site. Appendix I is a City Directory Abstract summarizing entry recorded in city, telephone, and other directories. Appendix J contains photographs taken during the walkover site surveys on November 18, 2013 and September 19, 2019. Appendix K is a report summarizing information available from a review of environmental databases maintained by local, state, and federal government agencies.

## 2.0 SOURCES OF INFORMATION

Sources of information utilized in preparing this and Avocet's earlier Phase I ESA reports included historical topographic maps; historical aerial photographs; a walkover survey of the site and adjoining properties; in-person and telephone discussions with representatives of the City of Carson, AECOM (SMC's former consultant), and Group Delta (SMC's current consultant); a review of site-specific environmental documents provided by AECOM and Group Delta; a review of records available at selected local and state regulatory agencies; a review of databases maintained by local, state, and federal government agencies; and other records available from commercial and online sources.

### 2.1 TOPOGRAPHIC MAPS

To evaluate the history of the site and past land uses, Avocet reviewed copies of historical U.S. Geological Survey (USGS) topographic maps published between 1896 and 1981 obtained from Environmental Data Resources, Inc. (EDR), of Shelton, Connecticut. The maps, which Avocet has marked up with the approximate site boundary, are included in chronological order as Figures F-1 through F-9 in Appendix F.

### 2.2 AERIAL PHOTOGRAPHS

To further evaluate the site's history, Avocet reviewed a "Decade Package" of historical aerial photographs obtained from EDR. EDR's Decade Package generally includes at least one aerial photograph from each decade from the 1920s through the present day. For the subject Phase I ESA, EDR provided aerial photographs taken between 1927 and 2012. Certain of these aerial photographs have been annotated with the site and facility boundaries and are included, in chronological order, as Figures G-1 through G-13 in Appendix G.

### 2.3 FIRE INSURANCE MAPS

At Avocet's request, EDR conducted a search for fire insurance map coverage but reported that the site is an "unmapped property." A copy of EDR's "Certified Sanborn<sup>®</sup> Map Report" to that effect is included as Appendix H to this report.

### 2.4 CITY DIRECTORIES

Telephone and business directories have been published for cities and counties across the United States since the 1700s and often contain potentially useful information on past land uses and the types of business that operated at specific street addresses. EDR extracts information from such directories and consolidates it in its "The EDR-City Directory Abstract," a copy of which is included as Appendix I to this report.

### 2.5 WALKOVER SURVEY AND COMMUNICATIONS WITH OWNER

Avocet conducted a walkover survey of the site on November 18, 2013, in the course of its original Phase I ESA, accompanied by Mr. Brian Dean of AECOM, SMC's then environmental



## Phase I Environmental Site Assessment

consultant. Mr. Dean has been providing consulting services to SMC for over a decade and is very familiar with the history and environmental conditions at the site. Avocet personnel also had follow-up conversations with Mr. Dean and Ms. Amelia Soto of the City of Carson. On September 19, 2019, Avocet conducted another walkover survey of the site, this time accompanied by Ms. Alycia McCord of Group Delta, SMC's current consultant. Avocet notes that Mr. Dean and Ms. McCord both worked for AECOM in 2013 and now both work for Group Delta. Information obtained from Mr. Dean, Ms. McCord, and Ms. Soto is referenced, as appropriate, throughout the remainder of this Phase I ESA report. Selected photographs taken in the course of the walk-over surveys are included in Appendix J

### 2.6 GOVERNMENT DATABASES

To document potential sources of contamination at or near the site, EDR conducted a search of local, state, and federal government databases on Avocet's behalf. The search included records for the site, the facility, and for other properties within ASTM-standard radii of the site. The records search is summarized in Section 6.0 and Table 1 and a copy of "The EDR Radius Map<sup>TM</sup> Report with GeoCheck<sup>®</sup>" is included in its entirety as Appendix K. As recommended by ASTM, all but a few of the databases searched were "current," i.e., had been updated within 90 days prior to the search date.

### 2.7 SITE-SPECIFIC ENVIRONMENTAL REPORTS

A few environment reports pertaining to the former Stauffer facility were provided to Avocet by Panattoni and AECOM for review in 2013, and additional, more recent reports were provided by Group Delta. Selected additional reports were downloaded from the EnviroStor and GeoTracker web sites maintained by the California Environmental Protection Agency (CalEPA) or obtained from regulatory agency files (Section 2.8). Given the facility's 37-year history of environmental investigation and remediation, however, Avocet notes that a very large number of documents containing a vast amount of data are available. Avocet does not claim to have reviewed all of these reports and data. Rather, the volume of information is such that it is not "practically reviewable" and Avocet has instead relied on summaries of environmental conditions and data included in certain of the reports reviewed.

### 2.8 INFORMATION FROM LOCAL AND STATE AGENCIES

In the course of its original Phase I ESA in 2013, Avocet contacted selected federal, state, and local regulatory agencies to determine whether they possess potentially relevant environmental records pertaining to the site at 2112 East 223<sup>rd</sup> Street. In particular, Avocet requested records relating to underground storage tanks (USTs), aboveground storage tanks (ASTs), environmental permits, and enforcement orders; reports and correspondence related to site investigation/assessment, soil sampling, monitoring, cleanup/remediation, removal actions, and closures; or any records related to conditions in air, soil, surface water, groundwater, or other environmental media. The agencies contacted and Avocet's interactions with them were as follows:

## Phase I Environmental Site Assessment

- A written request was mailed to the U.S. Environmental Protection Agency (EPA), Region 9 on November 19, 2013, but no response was received. EPA has since made the “MyProperty” database available online. Avocet queried the MyProperty database on October 11, 2019 and downloaded a “No Records Certificate” for 2112 East 223<sup>rd</sup> Street address.
- Written requests were mailed to the DTSC in Chatsworth and Cypress on November 19, 2013. In a letter dated December 2, 2013, DTSC’s Chatsworth office responded that it has no records responsive to Avocet’s request. Pursuant to a letter dated November 25, 2013, Avocet visited DTSC’s Cypress office on January 7, 2014 to review the very large volume of records it maintains. Selected records not available from other sources were reviewed and some were copied. The DTSC Cypress records are referred to, as appropriate, throughout the remainder of this report.
- A written request was faxed to the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB), including its UST and “Spills, Leaks, Investigation, and Cleanup” (SLIC) divisions, on November 19, 2013. In a fax dated November 27, 2013, LARWQCB responded that it has no records responsive to Avocet’s request.
- A written request was mailed to the Sanitation Districts of Los Angeles County (LACoSD) on November 19, 2013. LACoSD indicated it has records pertaining to the former Stauffer facility but Avocet elected not to review them as so much information is available from other sources.
- A written request was mailed to the Los Angeles County Fire Department (LACoFD) on November 19, 2013, but no response was received.
- A written request was mailed to the Los Angeles County Department of Public Works (LACoDPW), but no response was received.
- In a fax dated December 4, 2013, the Los Angeles County Department of Public Health (LACoDPH) responded that it has no records pertaining to the site. It is not clear whether LACoDPH’s fax was in response to the requests submitted to LACoFD or LACoDPW.
- A written request was mailed to the City of Carson, Building and Safety Department, on November 19, 2013, and on January 2, 2014, Avocet reviewed its records. Selected documents not available from other sources were copied and are referred to, as appropriate, throughout the remainder of this report.

The agencies mentioned above were not re-contacted for the subject Phase I ESA on the basis that the only activity at the site since the 2013 requests were made was by or for SMC and the related records are available through EnviroStor or directly from Group Delta.

## **2.9 OIL AND GAS RECORDS**

To assess the possible presence of oil and/or natural gas wells at and in the vicinity of the site, Avocet checked information available online from the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR). The findings of this review are summarized in Section 3.6.

## **2.10 RADON GAS RECORDS**

To assess the possible presence of naturally occurring radon gas in the subsurface, Avocet reviewed data available from EPA and the California Department of Public Health (CDPH), as summarized in “The EDR Radius Map<sup>™</sup> Report with GeoCheck<sup>®</sup>” (Appendix K). The available radon gas data are summarized in Section 3.7.

### 3.0 BACKGROUND AND REGIONAL INFORMATION

Background and regional information considered relevant to the subject Phase I ESA includes nearby surface water features, the site's physiographic setting, and regional geologic and hydrogeologic conditions.

#### 3.1 SURFACE WATER AND DRAINAGE

The site is located between the Los Angeles River to the east and the Dominguez Channel to the west, although neither of these surface water bodies is directly relevant to this Phase I ESA other than how they may have deposited sediments beneath the site.

The Los Angeles River rises in the Simi Hills and the Santa Susana Mountains and flows through the San Fernando Valley and the Los Angeles Narrows and onto the coastal plain of Los Angeles County, discharging into San Pedro Bay west of downtown Long Beach. Much of the Los Angeles River channel, including the segment nearest the site, has been engineered and is lined with concrete. The Los Angeles River passes within 8,500 feet east of the site at its closest approach. The Dominguez Channel is a similarly engineered drainage channel that originates in the city of Hawthorne to the northwest, and empties into the East Basin of the Port of Los Angeles near San Pedro. The Dominguez Channel passes within 1,200 feet west of the site at its closest approach. The locations of the Los Angeles River and the Dominguez Channel relative to the site are shown in Figure 1.

Although this Phase I ESA excludes an evaluation of the potential for flooding, the EDR Radius Map Report (Appendix K) includes a figure that indicates the site is located within the 500-year floodplain associated with the Los Angeles River and/or the Dominguez Channel.

#### 3.2 PHYSIOGRAPHIC SETTING

In a regional physiographic context, the site is situated on the coastal plain of Los Angeles County, at an elevation of about 25 feet above mean sea level (msl). The coastal plain of Orange and Los Angeles counties is bounded by the Santa Monica Mountains to the north; the Puente Hills, Chino Hills, and the Santa Ana Mountains to the east; and the San Joaquin Hills to the south. The ground surface in the coastal plain typically slopes gently westward, away from these relief features, toward the Pacific Ocean. The boundary of the plain is the Pacific Ocean to the west and the line of contact between the alluvial deposits and the bedrock of the surrounding hills and mountains. On a more localized basis, the site is located south of the "Dominguez Gap," between Dominguez Hill to the northwest and Bixby Knolls and Signal Hill to the east.

#### 3.3 REGIONAL GEOLOGY

The site is located in the Los Angeles Basin physiographic region. The basin is divided into four structural blocks delineated by zones of faulting and flexure. The central block, in which the site is located, extends from the Santa Monica Mountains in the north to the San Joaquin Hills in the south. The central block is dominated by a northwestern synclinal structure known as the South

Gate-Santa Ana syncline, which extends northwest into the greater Los Angeles area from Orange County (Yerkes, et al., 1965). The basement complex is of pre-Cretaceous metasedimentary and metavolcanic rocks with some plutonic intrusions. The basement rocks are overlain by marine and nonmarine clastic sedimentary rocks of late Cretaceous through Pleistocene age. This sedimentary sequence reaches a cumulative thickness of up to 32,000 feet in some areas (Yerkes, et al., 1965). Overlying these sedimentary rocks is a series of unconsolidated alluvial deposits. Only the uppermost portion of this sequence of unconsolidated alluvial deposits contains fresh water, with the underlying portion containing saline water.

### 3.4 REGIONAL HYDROGEOLOGY

The former Stauffer facility is located in the West Coast (groundwater) Basin and is underlain by the Bellflower aquitard and several deeper aquifers.

The Bellflower aquitard is a heterogeneous mixture of low-permeability silts and clays containing the occasional sand layer, which locally may extend to around 200 feet bgs, although it does not appear to extend to that depth in the site vicinity. More permeable layers within the Bellflower aquitard locally contain perched or semiperched groundwater. In the coastal plain of Los Angeles and Orange counties, the term semiperched is typically applied to shallow water-bearing zones underlain by, but substantially separated from, “producible” aquifers. This separation is often indicated by large vertical differentials in piezometric head and, in some cases, a semiperched water-bearing zone can be supported by fine-grained soils and underlain by unsaturated sediments. As it is generally of poor quality and available in limited quantities only, groundwater in the Bellflower aquitard, including in the Semiperched aquifer, is not suitable for potable use and has no known direct beneficial uses in the site vicinity. The deeper aquifers beneath the site, in vertically descending order, are as follows:

- **Gaspur Aquifer.** Where present, the Gaspur aquifer consists of continental stream deposits within the ancestral channel of the Los Angeles River ranging in size from silt and clay to cobbles and is the basal coarse member of a series of recent alluvial deposits. Seawater intrusion and industrial wastes have significantly impacted groundwater quality in the Gaspur aquifer. Consequently, production from the Gaspur aquifer is very limited and generally occurs from wells that are also screened in deeper aquifers.
- **Gage Aquifer.** The Gage aquifer consists of fine to medium grained sand with variable amounts of gravel, sandy silt, and clay and is the lowest water-bearing zone of the Lakewood Formation. Like the Gaspur aquifer, the Gage aquifer has also been impacted by seawater intrusion in the San Pedro Bay area and by industrial wastes. Consequently, production from the Gage aquifer is limited and generally occurs from wells that are also screened in other, deeper aquifers.
- **Lynwood Aquifer.** The Lynwood aquifer, the upper of two main aquifers within the San Pedro Formation, consists of coarse sand and gravel with some

sandy silt, silt, and clay. Although it has been impacted by seawater intrusion near the coast, the Lynwood aquifer is an important producer of groundwater, and approximately 10 percent of the production wells in the West Coast Basin are screened in this aquifer (California Department of Water Resources [CDWR], 1961).

- **Silverado Aquifer.** The Silverado aquifer, the lower of two main aquifers within the San Pedro Formation, consists of coarse-grained blue-gray sand and gravel. It is reportedly one of the most important groundwater producers in the Los Angeles basin (CDWR, 1961).

### 3.5 LOCAL HYDROSTRATIGRAPHY

Investigations at the former Stauffer facility have extended to over 400 feet bgs. Data from these investigations have been interpreted as indicating five relatively coarse-grained water-bearing alluvial deposits beneath the facility, denoted as Units A, B, C, D, and E, separated by fine-grained aquitards. The alluvial deposits dip generally to the northeast at gradients ranging from 0.02 to 0.06. The A, B, C, D, and E Units and their correlation to regional hydrogeology are as follows:

- **Surficial Aquitard.** Surficial fine-grained sediments beneath the site extend from grade to approximately 35 feet bgs. These sediments are consistent with fine-grained materials that underlie the adjoining facilities to the north, south, and west, and fit the description, apparent thickness, and basal elevation of the Bellflower aquitard (CDWR, 1961). The materials of the surficial aquitard become saturated at approximately 20 to 25 feet bgs. The aquitard appears to function as a confining layer to the underlying Unit A water-bearing zone. Based on results from testing in 2007, total organic carbon (TOC) concentrations in the soil in this aquitard are high, ranging from 4,200 to 11,000 milligrams per kilogram (mg/kg). High TOC concentrations tend to increase the amount of VOC adsorption within the aquitard, making it difficult to remove VOCs from the surficial aquitard material.
- **Unit A.** The Unit A water-bearing zone ranges from 4 to 50 feet in thickness and continuously underlies the surficial aquitard beneath the former Stauffer facility. Unit A is generally saturated and under confined conditions but may be locally or seasonally unconfined. The base of Unit A generally dips to the northeast at a gradient of 0.06 foot per foot. Unit A thickens to the northeast and thins rapidly to the west and southwest, potentially pinching out southwest of the facility (near Dominguez Channel and Wilmington Avenue). Within the dissolved plume boundaries, Unit A extends offsite in all directions and appears to be in hydraulic communication with several sandy zones underlying the Marathon (former ARCO) refinery to the south. The Unit A water-bearing zone could be upper-member sediments that filled the Dominguez Gap, making it part of the Gaspar

## Phase I Environmental Site Assessment

aquifer of Recent geologic age. Alternatively, Unit A could be interpreted as part of the Semiperched aquifer of Recent geologic age (CDWR, 1961).

- **A/B Aquitard.** The A/B aquitard ranges in thickness from 8 to 59 feet and continuously underlies Unit A. The fine-grained sediments contain discontinuous sandy lenses that may provide preferential flow paths within the aquitard. The A/B aquitard extends offsite in all directions and possibly merges with the surficial aquitard to the south. Fine-grained sediments discontinuously underlie the northern portion of the Marathon refinery at a comparable depth with the A/B aquitard. These sediments are consistent with the Bellflower aquitard of Upper Pleistocene geologic age. TOC between the A and B aquitard is significantly lower than that in the surficial aquitard, ranging from 297 mg/kg in Boring EB-4 to 388 mg/kg in Boring SB-32.
- **Unit B.** The Unit B water-bearing zone underlies the A/B aquitard across the facility. The thickness of Unit B ranges from 4 to 29 feet, and the base of the unit generally dips to the northeast at a gradient of 0.03. The thickest portion of the unit (20 to 25 feet) trends in a northwest-southeast direction across the center of the facility. The Unit B water-bearing zone extends offsite in all directions and may merge with the underlying water-bearing zones near the southwestern limit of the Marathon refinery to the south. The unit is saturated and confined beneath the former Stauffer facility but may become unconfined to the west. The sediments comprising Unit B are consistent with the Semiperched or possibly the Gaspur aquifer of Upper Pleistocene geologic age.
- **B/C Aquitard.** The B/C aquitard underlies the Unit B water-bearing zone and ranges in thickness from 7 to 37 feet. The aquitard contains apparent discontinuous sandy lenses that may provide preferred flow paths within the aquitard. The B/C aquitard extends offsite in all directions and may pinch out near the southwestern limit of the Marathon refinery to the south.
- **Unit C Water-bearing Zone.** The Unit C water-bearing zone that underlies the B/C aquitard may have an upper and lower member separated by silty sand and fine-grained beds that may be connected near the northeast corner of the former facility. The thickness of Unit C ranges from 34 to 82 feet, and the basal portion of the unit dips gently northeast at a gradient of 0.02. In general, Unit C is finer grained in the central portion of the facility. Unit C is saturated and under confining conditions, and it extends offsite in all directions beneath adjoining properties. The Unit C sediments are consistent with the thickness and depth of the Gage aquifer in the Upper Pleistocene Lakewood Formation.
- **C/D Aquitard.** Where investigated, the C/D aquitard is found at depths greater than 184 feet below msl beneath the facility. The aquitard ranges in thickness from 34 to greater than 65 feet and appears to be relatively uniform in

thickness (greater than 55 feet) except near the northwest portion of the facility.

- **Unit D Water-Bearing Zone.** The Unit D water-bearing zone is present at depths greater than -230 feet msl, and the thickness of the unit ranges from 20 to 70 feet. The unit is thickest to the northwest where a channel deposit is inferred. Unit D is saturated and under confining conditions. This unit fits the elevation and description of the Lynwood aquifer of the Lower Pleistocene San Pedro Formation.
- **D/E Aquitard.** Where investigated, the aquitard underlying Unit D is found to depths greater than about 300 feet bgs underlying the former Stauffer facility. The boring log for the only onsite boring that penetrated this unit indicates that it is 134 feet thick (or between about 320 to 454 feet bgs). There is a 25-foot-thick sandy bed in the upper portion of this aquitard and a 40-foot-thick clayey layer in the lower portion. Otherwise, the sediments are dark bluish gray or green to black silt, clay, and to a lesser extent silty and/or clayey fine-grained sand. This silt is the aquitard separating the Lynwood and Silverado aquifers within the Lower Pleistocene San Pedro Formation (CDWR, 1961).
- **Unit E Water-bearing Zone.** Unit E is a confined water-bearing zone underlying the Unit D/E aquitard in the one well completed in this unit (Well MW-9E). Unit E consists of sandy sediments from 454 to 490 feet bgs. There is a fine-grained layer (probably discontinuous) from 469 to 474 feet bgs resulting in a composite thickness of the water-bearing materials of 31 feet. The Unit E sediments fit the elevation and description of either a lower member of the Lynwood aquifer or an upper member of the Silverado aquifer, both of the Lower Pleistocene San Pedro Formation.

### 3.6 OIL AND GAS WELLS

Based on DOGGR records available online, the site is not within the administrative boundary of an oil field, although it is surrounded by them (Figure 1). The Long Beach field is located approximately 1.3 miles east of the site, the Wilmington field is located approximately 1.2 miles to the west-southwest, and the Dominguez field is located almost 2 miles to the north-northeast. DOGGR records available online indicate that the closest “prospect” or “wildcat” oil or natural gas well is or was the Airways Petro Corp. “*Santa Susana 1*” well located approximately 3,900 feet to the west, on the north side of 223<sup>rd</sup> Street. *Santa Susana 1* was reportedly drilled and abandoned (plugged) in 1950. The term prospect or wildcat is applied to oil or gas wells drilled outside the administrative boundary of a recognized oil field.

Concerns related to plugged oil wells include the possible presence of residual hydrocarbons in soil around the well head (especially if a sump was excavated near the well head during drilling), whether the well was abandoned in accordance with current DOGGR requirements, possible leakage of methane gas from the well head, and possible restrictions on building over or near the



abandoned well. However, Avocet does not believe the plugged *Santa Susana 1* well mentioned above is close enough to have impacted the subsurface environment beneath the subject site.

### 3.7 RADON GAS

The EPA recommends avoiding long-term exposure to radon levels greater than 4 picocuries per liter (pCi/L). CDPH maintains a radon database for California sorted by zip code (CDPH, May 4, 2010). In brief, indoor radon measurements were performed throughout the state, and the percentage of buildings with reported radon levels greater than 4 pCi/L within each zip code was reported, along with the number of buildings tested. All eight of the buildings tested for radon within the zip code for the site (90745) contained radon at levels less than 4 pCi/L. Moreover, the EPA (1993) and the USGS developed a Map of Radon Zones for the United States, organized by county. According to the map, Los Angeles County is a Radon Zone 2, indicating that radon levels in buildings are expected to be between 2 and 4 pCi/L. EDR's Radius Report (Appendix K) indicates that the average radon activity on the ground floor of residential structures in Los Angeles County was 0.711 pCi/L and average radon activity in basements was 0.933 pCi/L, both of which are well below EPA's recommended maximum exposure level. Based on the above, naturally occurring radon is unlikely to be of concern in the vicinity of the site.

## 4.0 SITE HISTORY AND CURRENT CONDITION

This section documents the history of the site and the larger former Stauffer facility and describes current site conditions.

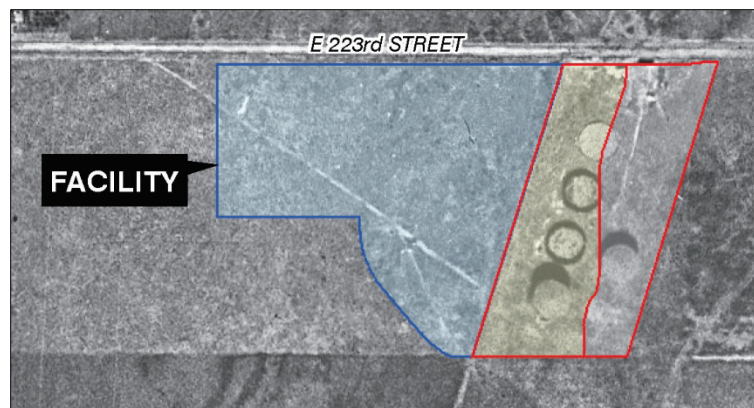
### 4.1 SITE HISTORY

The history of the site and vicinity has been compiled based on information from the sources outlined in Section 2.0, particularly the historical aerial photographs and historical topographic maps. For discussion purposes, the site's history has been divided into five discrete phases based on land use with, to the extent possible, approximate date ranges.

#### 4.1.1 Predevelopment History, 1896 - <1958

The earliest topographic maps reviewed for Phase I ESA purposes were published in 1896, 1901, and 1902 (Figures F-1, F-2, and F-3). The maps show no development at or immediately around the facility or the site other than an unnamed road that passed east-west through the lower portion. This road is not shown on any of the later maps available to Avocet, so its former name is not known. The 1896 and 1902 maps, which are near identical, show one small structure to the east of the facility and three to the west, although none were close to the boundary of the site. The three early maps also show the Southern Pacific Railroad tracks that parallel Alameda Street to the east of the facility, although Alameda Street itself does not appear to have been present. These early maps also showed that Compton Creek passed within 900 feet to the east of the site, coinciding more or less with the present-day alignment of Dominguez Channel.

An aerial photograph taken in 1927 (Figure G-1 and below) shows that the subject SMC property was vacant and undeveloped, as was much of the surrounding area. The 1927 photograph also shows that East 223<sup>rd</sup> Street had been constructed and that the former Coon Trust property had been developed with at least two large (~120-foot-diameter) ASTs, one of which was within the boundary of the Carson Industrial LLC property. The two ASTs appeared to have had fixed roofs and, based on the shadows they cast, may have been on the order of 40 to 50 feet high. Three other circular features within the subject site boundary do not cast shadows in the 1927 photograph and may have been foundation pads for additional ASTs or ASTs under construction. The purpose of the ASTs is not discernible from the aerial photograph, although it is noted that oil had been discovered nearby in or around 1921. EDR's City Directory Abstract (Appendix I), which is based on records dating back to 1920, does not include any information for street addresses in the vicinity in the 1920s. Moreover, it is not clear how the tank contents were received



## Phase I Environmental Site Assessment

or distributed, although several linear features visible in the 1927 photograph could indicate subsurface pipelines. Also, a railroad spur from the Southern Pacific Railroad track to the east dead-ended approximately 200 feet from the southeast corner of the former Coon Trust property. Further afield, the 1927 aerial photograph shows that Alameda Street had been constructed to the east, immediately east of the Southern Pacific Railroad tracks, and that Wilmington Avenue had been constructed to the west. The 1927 aerial photograph also shows that the former Compton Creek drainage had been engineered to follow the current course of the Dominguez Channel.

A topographic map published in 1930 (Figure F-4) shows that the SMC property remained undeveloped but there were five (as opposed to two) ASTs on the former Coon Trust property to the east. Starting approximately 0.5 mile to the south of the facility, the 1930 map also shows at least three oil refineries annotated “Pan American,” “Shell,” and “Associated.” As noted elsewhere in this report, the Pan American refinery eventually became the ARCO (now Marathon) refinery, which is still operational, and which was expanded northward to border the former Stauffer facility (Figure 2). A little over 1 mile to the north-northeast, the 1930 map shows the Shell Oil Dominguez Refinery.

An aerial photograph taken in 1947 (Figure G-2) shows that the SMC property remained undeveloped, apparently fallow land, although on the north side of East 223<sup>rd</sup> Street, the land was being actively farmed. The 1947 photograph also shows that the five ASTs had been removed from the former Coon Trust property and it and the adjoining Marathon property to the east had been developed. The nature of the redevelopment at the former Coon Trust property cannot be discerned from the aerial photograph; however, it appears to have featured two commercial/industrial buildings surrounded by outside storage areas. Very little corroborating information is available regarding how the former Coon Trust property was being used in 1947. City of Carson building permits list Apache Freight as the “owner” of improvements, specifically the “relocation” of a warehouse, in April 1967, but other building permits for sewer and electrical work list Specialty Pipe as the owner in May and June 1967 (Waterstone, March 18, 2002). The earliest City Directory listing is for Apache Freight at 2254 East 223<sup>rd</sup> Street in a 1970 telephone directory. Specialty Pipe is not mentioned in the City Directory Abstract. The appearance of the former Coon Trust property in the 1947 and later photographs is consistent with it possibly having been split into eastern and western portions. As such, it is possible that Apache Freight and Specialty Pipe may have occupied the former Coon Trust property at the same time and “shared” the same address, although which company occupied which portion is not clear. It is also possible that Specialty Pipe was a contractor working on improvements for Apache Freight. It is noted that neither Apache Freight nor Specialty Pipe are included in any of the regulatory agency databases searched for Phase I ESA purposes (Appendix K).

The nature of the redevelopment on the adjoining Marathon property is similarly not discernible from the 1947 aerial photograph, although it appears to have featured an oval railroad track encircling an exterior storage area. Immediately to the east, two railroad sheds had been constructed immediately adjacent to the Southern Pacific Railroad tracks. A topographic map published in 1947 (Figure F-5) confirms that the five ASTs at the former Coon Trust property had been removed but otherwise does not provide any useable information. A topographic map published in 1951 (Figure F-6) and an aerial photograph taken in 1952 (Figure G-3) shows

conditions at the SMC property more or less as they were in 1947, which is to say the property had not been developed.

#### 4.1.2 PVC Manufacturing, 1958 to 1982

An aerial photograph taken in 1963 (Figure G-4) and a topographic map published in 1964 (Figure F-7) show that the SMC property had been developed consistent with the commencement of PVC manufacturing by American Chemical Company in 1959. The manufacturing infrastructure was located in the southwestern corner of the SMC parcel, in Area 1, and included an “EC Unit,” two cracking furnaces, a large cooling tower, air compressors, a “control house,” and various vertical and horizontal ASTs (Figure 3). Support infrastructure in the form of an office building, changing rooms, a maintenance building, a warehouse, and a laboratory building were located along the northern portion of the SMC property, along the south side of East 223<sup>rd</sup> Street. The southeastern portion of the SMC property (Area 2) was vacant and undeveloped but appears to have been disturbed by unknown activities. The American Chemical Company manufacturing facilities were served by four railroad sidings that entered at the southeast corner and dead-ended within the SMC parcel.

Further afield, the 1963 aerial photograph shows that the 405 (San Diego) Freeway had been constructed and the properties to the west, southwest, and south had been developed. To the west of the SMC property, Witco Chemical Company (Witco, later Monsanto and now Solutia) had begun manufacturing surfactants and detergents and had constructed a large AST farm. To the southwest, four very large (~150-foot-diameter) ASTs, presumably for crude oil or refined petroleum products, had been constructed on what became ARCO’s northern or northeastern refinery property. To the south, the northern portion of the Geon (now PolyOne) property had been developed with several large industrial buildings. However, the strip of land between East 223<sup>rd</sup> Street and the 405 Freeway was still vacant in 1963. A topographic map published in 1964 (Figure F-7) shows conditions at the site and the adjoining Carson Industrial LLC property essentially as they were in 1963.

An aerial photograph taken in 1972 (Figure G-5) shows that Stauffer had significantly expanded its manufacturing facilities into the previously vacant area (Area 2) to the east of the original facilities. The expanded facilities included three PVC reactors and several horizontal ASTs immediately south of the laboratory building, a vinyl unit, 1,2-DCA purification and oxychlorination facilities further to the south, additional cracking furnaces and boilers, additional cooling towers, and a waste gas incinerator. Further south was an emergency spill basin flanked by two very large ASTs and a storage area for unspecified materials (Figure 3). To the east, two new buildings, one resembling a “sprung” structure, had been constructed on the adjoining Carson Industrial LLC property, which otherwise appeared more or less as it did in 1947, 1952, and 1963. The suspected sprung structure may have been the subject of the April 1967 building “relocation permit” mentioned earlier. This permit listed Apache Freight as the “owner” and a telephone directory entry from 1970 lists Apache Freight at 2254 East 223<sup>rd</sup> Street. To the north, the previously vacant strip of land between East 223<sup>rd</sup> Street and the 405 Freeway had been redeveloped with the Cormier Chevrolet dealership and other businesses. A topographic map

published in 1972 (Figure F-7) shows conditions at the site and the adjoining City of Carson property more or less as described in the 1972 aerial photograph.

By 1981, shortly before manufacturing operations ceased, the former Coon Trust property had become part of the Stauffer manufacturing facility. An aerial photograph taken in 1981 (Figure G-6) shows the SMC property essentially as it had been, but a concrete stormwater impound basin had been constructed in the southwest corner of the Carson Industrial LLC property and additional railroad sidings had been constructed. Avocet understands that the impound basin featured a leachate collection system, and it is noted that prior to its construction, runoff from the former Stauffer facility was discharged directly into the Dominguez Channel. After the basin was constructed, runoff was impounded, treated if necessary, and then discharged under permit to the sanitary sewer system. The industrial waste discharge permit limitation for sanitary sewer discharge was 25 milligrams per liter (mg/L) of 1,2-DCA, suggesting that runoff from the former Stauffer facility may have been contaminated. A topographic map published in 1981 (Figure F-9) reflects the expansion of the former Stauffer facility as outlined above but does not provide any other useable information. The eastern 6 acres of the former Coon Trust property appears to have been largely vacant and unused in 1981. To the west of the site, the 1981 photograph (Figure G-6) shows that the Solutia AST farm had been expanded, and to the south, two more large ASTs had been constructed at the then-ARCO refinery.

#### 4.1.3 Post Stauffer Land Use, 1982 – Present

According to AECOM (May 2011), manufacturing operations at the former Stauffer facility were terminated in 1982, and by 1985, Stauffer had demolished and removed the aboveground manufacturing infrastructure “to grade.” Aerial photographs taken in 1989 and 1994 (Figures G-7 and G-8) show that the manufacturing infrastructure had indeed been removed, although certain buildings and the stormwater impound basin remained. The remaining buildings included those on the northern portion of the SMC parcel and the three warehouses on the adjoining Carson Industrial LLC property. The 1994 photograph shows that the ASTs at the Solutia property had been removed and the then ARCO, now Marathon, property to the east featured two baseball diamonds.

By 2005, the SMC and former Coon Trust properties had been completely cleared of buildings and the stormwater impound basin on what is now the adjoining City of Carson property had been backfilled. The only structure on the SMC property was the centrally located building that housed the VLE equipment and associated treatment systems. The aboveground piping to the VLE wells is also visible, particularly in the 2006 photograph (Figure G-10). Aerial photographs taken in 2005 and 2006 (Figures G-9 and G-10) reflect the above but show the adjoining former Coon Trust property was being used to park cars believed to belong to nearby automobile dealers. In the 2005 photograph (Figure G-9), the Marathon property to the east of the former Coon Trust property was completely vacant, but by 2006 (Figure G-10), the northern portion had been paved and was being used to store what appear to be shipping containers, while the southern portion had been grassed and featured two baseball diamonds.

An aerial photograph taken in 2009 (Figure G-11) shows that the former Coon Trust property had been divided to reflect current boundary conditions, although the site itself remained more or less as it had in 2005 and 2006. To the east, ARCO appears to have combined the eastern 6 acres of the former Coon Trust property with its original property and redeveloped the whole with a large office building surrounded by parking and landscaped areas. The two baseball diamonds had been replaced by a single diamond in the northwest corner of the redeveloped ARCO property. To the west of the site, the VLE structure and associated piping systems were still present at the site. An aerial photograph taken in 2010 (Figure G-12) reflects more or less the same conditions except that cars were no longer being parked on the Carson Industrial LLC property, which was completely vacant and had been cleared of vegetation.

An aerial photograph taken in 2012 (Figure G-13) shows the VLE structure and associated piping systems on the SMC property had been removed and replaced by the existing EISB structure in the southeast corner. The associated piping systems, however, were not visible. As discussed in Section 5.7, AECOM began installing the EISB system in 2010 and it became operational in October 2011. To the east, the Carson Industrial LLC property was still completely vacant and clear of vegetation.

## 4.2 CURRENT SITE CONDITIONS

Avocet conducted walkover surveys of the site on November 18, 2013 and September 19, 2019, on both occasions accompanied by SMC's environmental consultant. In brief, the site is encircled by a chain link fence, accessible via a normally locked gate in the northwest corner. The eastern fence line separates the site from the adjoining Carson Industrial LLC property, although a gate allows access to the EISB injection wells on that property. Portions of the site are paved with asphalt or feature concrete foundation pads (Photograph J-1), with the remainder covered with crushed concrete (Photograph J-2), assumed to have been generated onsite during demolition of the aboveground infrastructure. Although not visible at the ground surface, Avocet understands that subsurface piping associated with the former manufacturing operations is still present in the subsurface, as might other subsurface infrastructure. AECOM and Group Delta personnel were not able to provide details regarding how subsurface piping runs were purged and/cleaned, if in fact they were, but stated that the piping runs encountered while trenching for the EISB system were "dry." In the northwest corner of the site is a sanitary sewer connection (Photograph J-4). Numerous groundwater monitoring, extraction, and injection wells with aboveground and flush completions are located throughout the site, as follows:

## Phase I Environmental Site Assessment

Onsite EISB and Monitoring Wells as of April 2019					
Water-Bearing Zone	Extraction		Injection		Monitoring
	Active	Inactive	Active	Inactive	
Unit A	9	3	13	7	7
Unit B	6	0	12	2	7
Unit C	1	2	2	6	8
Unit D	0	0	0	0	5
Unit E	0	0	0	0	1

Notes: (1) In Unit B, 4 of the 12 injection wells are for emulsified vegetable oil (EVO) only  
(2) In Unit C, the active injection and extraction wells are for EVO only

It is noted that the LUC for the SMC property (Appendix C) includes, among other things, a “non-interference” clause to “preserve the physical accessibility to and integrity of the Remedial System” and that the “Remedial System shall not be altered without prior written approval by the Department” (i.e., DTSC). Avocet interprets this clause to mean that monitoring wells, EISB extraction and injection wells, and associated subsurface pipelines that may be impacted by future redevelopment would, with DTSC’s concurrence, have to be properly abandoned and replaced.

### 4.3 KNOWN RELEASES AND ENVIRONMENTAL FEATURES

In a questionnaire filled out for Resource Conservation and Recovery Act (RCRA) compliance purposes, Zeneca, an affiliate of SMC, lists nine specific instances where liquids were spilled at the former Stauffer facility between April 1970 and July 1981 (Zeneca, December 1, 1998), as follows:

Spills and Liquid Releases Between April 1970 and July 1981		
When	Unit	Incident
April 1970	#3 VCM	VCM bottoms pump failure – spill of EDC – tars & heavy ends – 5 min.
July 1975	#1 PVC	PVC reactor overpressured – relief valve released PVC and water – 1,000 lbs
December 1977	#1 EDC	Maintenance procedure caused EDC spill 200 gal.
August 1979	#3 VCM	Valve failure caused EDC spill
March 1981	#3 PVC	Flange on PVC reactor failed – VCM and water mixture spill – 5,772 pounds of VCM.
April 1981	EDC Storage	Corroded pipe spilled EDC into sewer system.
June 1981	EDC Purification	Line rupture and tank leak spilled EDC.
July 1981	#3 PVC	Valve failure on a reactor caused EDC and PVC spill to sewer and impound basin.
July 1981	EDC Purification	Level controller failure allowed EDC to enter sewer system with wastewater.

Notes: VCM = vinyl chloride monomer  
EDC = 1,2-DCA  
PVC = polyvinyl chloride

## Phase I Environmental Site Assessment

Based on the admittedly limited information provided by Zeneca, it appears that all nine releases occurred in the central process area on the SMC property. Avocet is not aware of any information pertaining to hazardous substance spills at the Stauffer facility prior to April 1970.

In addition to the documented spills summarized above, there were numerous environmental features at the former Stauffer facility, i.e., process and storage features containing hazardous substances, with the potential to have resulted in subsurface environmental impacts. Too numerous to list individually, these features include all of the process units and associated piping systems, ASTs, three USTs, sumps, wastewater collection and treatment systems, and the like.

### 4.4 OTHER ASTM E1527-13 FEATURES

ASTM E1527-13 includes a list of potential environmental features, such as USTs, sumps, stained surfaces, and the like, that are to be addressed in a Phase I ESA for a commercial or industrial property. The presence or absence of these features, as of September 19, 2019, is summarized below with, where appropriate, a reference to the section of text in which they are described.

Potential Environmental Feature or Condition	Absent	Present	Discussion Section
Hazardous Substances and Petroleum Products in Connection with Identified Uses	✓		
Storage Tanks		✓	Section 5.7
Odors	✓		
Pools of Liquid	✓		
Drums		✓	Section 5.7
Hazardous Substance and Petroleum Products Containers (Not Necessarily in Connection with Identified Uses)		✓	Section 5.7
Unidentified Substance Containers	✓		
Polychlorinated Biphenyls	✓		
Heating/Cooling	✓		
Stains or Corrosion	✓		
Drains and Sumps	✓		
Pits, Ponds, or Lagoons	✓		
Stained Soil or Pavement	✓		
Stressed Vegetation	✓		
Solid Waste	✓		
Wastewater	✓		
Wells (Groundwater Monitoring only)		✓	Section 5.0
Septic Systems	✓		



## 5.0 PREVIOUS INVESTIGATIONS AND REMEDIATION

Subsurface environmental conditions at the former Stauffer facility have been comprehensively characterized over the past 37 years, a significant effort has been made to mitigate VOC impacts in vadose zone soil, and groundwater remediation is ongoing. Summaries of the investigation and remediation programs are provided below.

### 5.1 INITIAL SOIL INVESTIGATION, CONVERSE, 1982

Shortly after manufacturing operations were terminated, Stauffer retained Converse Consultants (Converse) to conduct a shallow vadose zone soil investigation. Although Avocet has not reviewed the resulting Converse report, it appears that soil matrix samples were collected at nominal depths of 1, 5, and, in a few cases, 9 feet bgs from 22 shallow borings (Borings P-1 through P-22). Seventy soil samples were analyzed for ethylene chloride, VC, 1,2-DCA, and vinyl acetate using EPA Method 625 and an additional 20 soil samples were preserved in the field with tetraglyme and analyzed for VOCs using EPA Method 624. Converse reported that 1,2-DCA was detected in the upper 5 to 10 feet of the soil profile throughout the facility; however, few, if any, of the other analytes were detected (ENSR Consulting and Engineering [ENSR], October 1995).

It appears that 13 of the 22 Converse borings were located on the subject SMC property, with the other 9 located on the former Coons Trust property to the east (ENSR, October 1995). As shown in Figure 8, Converse's boring locations were distributed throughout the former Stauffer facility but with bias toward former manufacturing facilities. Soil samples were collected at nominal depths of 1 and 5 or 6 feet bgs and in some borings at 9 feet bgs. The highest reported 1,2-DCA concentration was 145.203 mg/kg in the 5-foot sample from Boring P-17, located south of former Tanks T-207 and T-208, both of which contained VCM, south of the so-called central process area (ENSR, October 1995). It is noted for context that the DTSC-approved RBC for 1,2-DCA in the upper 15 feet of the soil profile at the former Stauffer facility is 29.7 mg/kg (AECOM, January 2011). For additional perspective, EPA's Regional Screening Levels (RSLs) for 1,2-DCA in residential and industrial soil are 0.46 and 2.0 mg/kg, respectively (EPA, April 2019).

### 5.2 PRE-DEMOLITION INVESTIGATION, BROWN & CALDWELL, 1986

As a condition of issuing a demolition permit, the City of Carson requested additional characterization of the former Stauffer facility. The additional investigation was conducted in 1986 by Brown and Caldwell with DTSC oversight and involved 42 borings, Borings BC-1 through BC-42, located throughout the facility. Six of the 42 borings, specifically Borings BC-1, BC-23, BC-39, BC-40, BC-41, and BC-42, were completed as groundwater monitoring wells in the uppermost water-bearing zone. The original well designations, with the "BC" prefix, were subsequently changed to Wells MW-1A through MW-6A, respectively, with the "A" suffix indicating they are screened in Unit A. It is noted that the six groundwater monitoring wells were located on or near the perimeter of the by then inactive facility, as opposed to in areas where soil contamination had previously been reported.

## Phase I Environmental Site Assessment

Soil samples from the borings were analyzed for VOCs using EPA Method 8240, and selected soil samples were also analyzed for metals, semivolatile organic compounds (SVOCs) using EPA Method 8270, and fuel hydrocarbons using EPA Method 8015. As in the earlier Converse investigation, 1,2-DCA and certain other VOCs were “widespread” throughout the former facility. However, SVOCs, if detected, were present at generally low concentrations only. Of the 42 Brown and Caldwell borings, 39 were located on the SMC property with the other 3 located on the former Coon Trust property to the east (Figure 8). The highest 1,2-DCA concentrations were reported in Boring BC-19, with concentrations increasing with depth to 64,000 mg/kg at 40 feet bgs, the deepest soil sample collected. Although Avocet has not reviewed the original Brown and Caldwell report, ENSR has indicated that 1,2-DCA concentrations in soil generally increased with depth in source areas (ENSR, October 1995).

Groundwater samples contained 1,2-DCA and other VOCs, with the highest 1,2-DCA concentration of 620 mg/L reported in the sample from Well MW-2A, located in the “central process area” of the facility (ENSR, October 1995). Benzene was reported at 14 mg/L in the sample from Well MW-3A, located near the hydraulically upgradient facility boundary (in the northeast corner of the former Coon Trust property); however, its presence was attributed to migration from an unidentified offsite source (ENSR, October 1995). Benzene concentrations in Well MW-3A subsequently ranged up to 18 mg/L in November 1994 but then declined, somewhat erratically, to 0.1 mg/L by April 2008 (AECOM, May 2011).

### 5.3 UST REMOVALS, OHM, OCTOBER 1993

Three USTs were operated at the former Stauffer facility, two for leaded gasoline and one for waste oil storage. The 500- and 2,000-gallon gasoline USTs were located in the northwest corner of the SMC property, immediately south of the office building (Zeneca, December 1, 1998). The waste oil tank was also located in the northwest corner of the SMC property, immediately south of the former Maintenance Building. The approximate locations of these three USTs are shown in Figure 8. It is not clear when the three USTs were installed but the waste oil UST was reportedly taken out of service in 1978 by removing residual oil, flushing the tank interior, and filling it with sand. The two fuel tanks were reportedly taken out of service in 1982, “cleaned,” and filled with water (OHM Remediation Services Corporation [OHM], April 1994).

In 1993, all three single-wall USTs were permanently closed by removal by OHM with oversight from LACoDPW (OHM, April 1994). Although not described in detail in OHM’s report, it appears that impacted soil was encountered during the removal of the USTs and “over-excavated.” A total of 12 soil matrix samples were collected from beneath the three USTs and the associated piping systems and dispensers and analyzed for total petroleum hydrocarbons (TPH) as gasoline (TPH-g) using EPA Method 8015M, halogenated VOCs using EPA Method 8010, aromatic VOCs using EPA Method 8020, and organic lead using EPA Method 7420. None of the soil samples contained TPH-g, aromatic VOCs, or organic lead; however, trace concentrations of chlorinated VOCs were detected in samples collected from beneath the waste oil UST and the dispenser island associated with the 2,000-gallon gasoline UST (OHM, April 1994). The chlorinated VOCs included methylene chloride, 1,2-DCA, and

tetrachloroethylene (PCE). LACoDPW issued an “no further action” (NFA) letter for the three USTs on June 29, 1994.

#### 5.4 PHASE I REMEDIAL INVESTIGATION, ENSR, 1995

Pursuant to the Consent Agreement with DTSC and a DTSC-approved work plan, Stauffer retained ENSR to conduct a “Phase I” remedial investigation in 1995. ENSR’s investigation included a topographic and boundary survey, a soil gas survey, a cone penetrometer test (CPT) investigation, borings, and the installation of additional monitoring wells to depths up to 200 feet bgs. The Phase I remedial investigation also included a “baseline” risk assessment. Although the Phase I remedial investigation included groundwater monitoring wells, its emphasis was broadly on the vadose zone. Groundwater conditions were further investigated in a Phase II remedial investigation.

Conducted in March 1995 for screening purposes, the soil gas survey involved the collection of samples on a roughly 200-foot grid pattern with additional sample points in areas not previously investigated. A total of 59 soil gas samples were collected at a nominal depth of 5 feet bgs and analyzed for chlorinated and aromatic VOCs using EPA Methods 8010 and 8020, respectively. A total of 17 VOCs was detected in the samples, with 1,2-DCA being the most widely distributed and with the highest concentrations, up to 15 mg/L in Boring SG-37 located in the southern portion of Area 2. Of the 59 soil gas sampling locations, 26 were located on the SMC property with the other 23 located on the former Coon Trust property. The highest 1,2-DCA concentration reported was 15 mg/L in the sample from Boring SG-37, located in the southern portion of Area 2, near former Tank T-1553A, which contained 1,2-DCA. Elevated concentrations of other VOCs were also reported in other soil gas samples, including up to 0.021 mg/L of PCE, up to 0.25 mg/L of 1,1,2-trichloroethane, up to 0.16 mg/L of TCE, up to 0.039 mg/L of 1,1-dichloroethane, and up to 0.44 mg/L of 1,1-dichloroethylene (1,1-DCE).

The CPT survey to assess lithology involved 23 boring, Borings CPT-1 through CPT-23, to depths ranging from 66 to 91 feet bgs. No soil or groundwater samples were collected from the CPT borings; however, the lithologic data were interpreted to indicate the presence of relatively discrete layers of water-bearing, predominantly granular sediments beneath the facility. Of the 23 CPT borings, 16 were located on the SMC property and the other 7 were located within the boundary of the former Coon Trust property (Figure 8).

ENSR collected soil matrix samples from 23 additional borings, Borings B-1 through B-10 and the borings for 13 additional monitoring wells (Wells MW-01B, MW-02B, MW-05C, MW-06C, MW-07A, MW-07B, MW-08A, MW-09A, MW-10A, MW-11B, MW-12B, and MW-13B). As indicated by the A, B, and C suffixes, four of these wells were screened in Unit A, six in Unit B, and two in Unit C. A total of 94 soil matrix samples from these borings were analyzed for VOCs and most were also analyzed for SVOCs and metals. A few selected samples were also analyzed for TOC, pH, chloride, and hexavalent chromium. The soil sample analytical results indicated significant impacts by VOCs, with 1,2-DCA concentrations ranging up to 18,000 mg/kg in the 35-foot sample from Boring B-3, located in the northern portion of Area 2. Isoconcentration maps for 1,2-DCA prepared using the ENSR and earlier data indicated three source areas: one in

## Phase I Environmental Site Assessment

Area 1, coinciding with the location of the original American Chemical Company manufacturing infrastructure; and one each in the northern and southern portions of Area 2 (ENSR, October 1995). Twenty of the ENSR borings were located within the boundary of the subject SMC property and three were located on the former Coon Trust property. With only a few minor exceptions, metals were either not detected in the soil samples or were reported at concentrations consistent with accepted background ranges (ENSR, October 1995). SVOCs were detected in a few samples collected within the SMC property but the reported concentrations were below residential and industrial RSLs.

The new and existing wells at the facility were sampled in July 1995, along with existing wells on adjoining properties, and analyzed for VOCs, SVOCs, and metals. In brief, the data showed that groundwater in Unit A beneath the vadose zone source areas mentioned above was contaminated by VOCs, notably 1,2-DCA, chloroform, TCE, and VC. The highest reported concentrations of these compounds, all in Unit A, were 680, 15, 20, and 28 mg/L, respectively. The 1,2-DCA, TCE, and VC concentrations were considered high enough to be indicative of the possible presence of dense nonaqueous-phase liquid (DNAPL), although no DNAPL had been encountered at that time or in subsequent subsurface work. The groundwater data also showed that these and other VOCs had migrated vertically down to Units B and C and laterally beyond the former facility boundary. On the other hand, the presence of very high aromatic VOC concentrations, notably including benzene, suggested that groundwater beneath the facility had been impacted by contaminant migration from offsite sources. More specifically, migration from the adjoining Monsanto (now Solutia) facility to the west (Figure 2), where benzene was present as light nonaqueous-phase liquid (LNAPL), had impacted the southwest portion on the facility, and migration from an unidentified source offsite to the north had impacted the northeastern corner of the former Coon Trust property. It is noted that a sample from Well MW-3A, in what is now the Marathon portion of the former Coon Trust property, contained benzene at 15 mg/L. As previously noted, benzene concentrations in Well MW-3A subsequently ranged up to 18 mg/L in November 1994 but then declined, somewhat erratically, to 0.1 mg/L by April 2008 and 0.14 microgram per liter ( $\mu\text{g/L}$ ) by 2010 (AECOM, May 2011). AECOM suspects the decrease in benzene concentrations is attributable to the source having been eliminated, dispersion, and other natural attenuation mechanisms. SVOC concentrations in groundwater were generally not problematic, with the possible exception of 0.013 mg/L of naphthalene in a sample from Well MW-03A, and metals concentrations were generally within background ranges (ENSR, October 1995). The naphthalene in Well MW-03A was attributed to an offsite source to the north, presumably the same source to which the benzene in this area had been attributed.

### 5.5 SOIL OU REMEDIATION, 1997 - 2011

Based on the investigations summarized above, a remedial action plan (RAP) for saturated and unsaturated soil from the ground surface to 35 feet bgs (i.e., the Soil OU) was prepared and approved for implementation by DTSC. The selected remedy was high vacuum VLE, essentially akin to dual-phase extraction. Stage I of the soil remediation effort began in September 1998 and involved VLE from 16 “multi-phase” extraction wells. Vapor from the extraction wells was treated in a high-temperature thermal oxidizer before being discharged to the atmosphere

## Phase I Environmental Site Assessment

pursuant to a “Permit to Operate” issued by the South Coast Air Quality Management District. Liquid consisting of shallow groundwater and condensate from the extracted vapor was treated by air stripping and discharged to the sanitary sewer system pursuant to a permit issued by the LACoSD. The treatment systems were housed in a purpose-built structure located in the center of the SMC property. In Stage II of the soil remediation effort, which began in 2000, the VLE was expanded to include an additional 90 multi-phase extraction wells (Figure 4). In November 2002, the VLE system was extended again to include four VLE wells on the former Coon Trust property to address soils between 25 and 35 feet bgs containing up to 200 mg/kg of 1,2-DCA. However, monitoring of the extracted vapor from these wells showed that it contained only very low VOC concentrations, indicating that VLE was not being effective, in contrast to elsewhere at the former Stauffer facility. Concluding that 18 months of VLE had not significantly mitigated the impacted saturated soil, Earth Tech recommended that the four wells on the former Coon Trust property be destroyed (Earth Tech, May 13, 2004). DTSC concurred with this request in an internal memorandum dated June 30, 2004 and formally approved Earth Tech’s request in a letter dated February 23, 2005.

Between June 2004 and November 2005, an *in-situ* thermal destruction (ISTD) pilot test was conducted in an approximately 7,200-square-foot area within the Stage I VLE area. Soil between the “heater wells” was heated to temperatures approaching the pilot test goal of 212°F (100°C). The ISTD pilot test is estimated to have destroyed 24,800 pounds of VOCs (AECOM, May 2011). In August 2008, the effectiveness of the VLE system was improved via a pneumatic fracturing program involving 48 borings. In brief, the effective permeability of saturated, fine-grained soils between 25 and 35 feet bgs was increased using compressed nitrogen to pneumatically fracture the soil structure and sand as a proppant to keep the fractures open. Thirteen of the 48 fracking borings were converted to VLE wells. Five additional VLE wells were installed in August 2009 and September 2010 to address “isolated hotspots” (DTSC, October 15, 2013) and certain of the peripheral VLE wells were also destroyed. In all, 125 shallow wells, screened from 8 to 35 feet bgs, were used for VLE purposes. The location of the treatment system structure, the VLE wells, and the associated piping systems are shown in Figure 4.

The effectiveness of the VLE system was checked periodically by collecting and analyzing soil matrix samples in the VOC-impacted areas. In 2004, soil samples were collected from 26 “verification” borings at 5-foot intervals from 10 to 35 feet bgs (Figures 5 and 6). The results of the soil sample analyses were compared to RBCs calculated in an HHRA and are summarized below.

Risk-Based Concentrations (RBCs) for VOCs in Soil (mg/kg)		
Compound	Shallow Soil (0-15 feet. bgs)	Deep Soil (>15 feet. bgs)
1,2-Dichloroethane (1,2-DCA)	29.7	81.9
Vinyl chloride (VC)	0.37	0.37
1,1-Dichloroethylene (1,1-DCE)	1.91	1.91
1,1,2-Trichloroethane	42.8	42.8

## Phase I Environmental Site Assessment

It is noted that the RBCs were based on “estimated lifetime cancer risk” (ELCR) with a risk threshold of  $1 \times 10^{-5}$ . It is further noted that the RBCs for “shallow” soil were based on dermal contact, ingestion, and inhalation exposure pathways, whereas the RBCs for “deep” soil were based on exposure via inhalation only. Smaller numbers of verification borings were drilled and sampled in 2005, 2007, and 2009 at locations where residual VOC concentrations exceeded the RBCs. Verification boring locations are shown in Figures 5 and 6.

VLE was terminated, with DTSC’s concurrence, on November 4, 2011 (DTSC, October 15, 2013). The criterion for termination was a VOC mass removal rate of 0.9 pound per hour. In all, the VLE system operated for approximately 13 years and removed an estimated 300,810 pounds of VOC mass from the upper 35 feet of the unsaturated and saturated soil profile. It is noted that an estimated 300,810 pounds of VOC mass removed includes the estimated 24,800 pounds destroyed during the ISTD pilot test. On termination of VLE, AECOM reported that no VOCs were present in shallow soil, i.e., within 15 feet of the ground surface, at concentrations above the RBCs summarized above (AECOM, January 2011). The highest reported residual VOC concentrations in the upper 15 feet of the soil profile at the facility were as follows:

Maximum Residual VOCs in Shallow Soil (0-15 feet bgs)					
Compound	SMC Property	Carson Industrial LLC Property	RBC (mg/kg)	Residential RSL (mg/kg)	Industrial RSL (mg/kg)
1,2-Dichloroethane (1,2-DCA)	0.11	0.011	29.7	0.46	2.0
Vinyl chloride (VC)	0.0029	0.0012	0.37	0.059	1.7

As shown above, the maximum residual VOC concentrations in the upper 15 feet of the unsaturated soil profile are orders of magnitude lower than the RBCs and residential RSLs. Residual 1,2-DCA and VC isoconcentrations in soil at different depth intervals, as interpreted by AECOM (Appendix B), are presented in Figures 5 and 6, respectively. As indicated in Figures 5 and 6, residual VOC concentrations above RBCs are present in the generally saturated and fine-grained soils between 25 and 35 feet bgs. Isoconcentrations developed by AECOM from the post-remediation verification data indicate that residual 1,2-DCA and VC concentrations above the RBCs in soil at 20 feet bgs are limited to two small areas beneath the SMC property (Figures 5 and 6).

Recognizing that the point of diminishing returns had been reached, DTSC certified that remediation in the Soil OU was complete in a document dated October 15, 2013. Residual VOC contamination in soil is addressed via a LUC for the SMC property (Appendix C). The LUC is based on potential receptors not being exposed to residual VOCs in soil at concentrations above the RBCs at 20 feet bgs and deeper, other than possibly via inhalation. As such, the LUC requires vapor barriers beneath future buildings, unless DTSC accepts “analysis” that indicates they are unnecessary, and prohibits sensitive land uses such as residential, hospitals, schools for persons under 21, and day care for children. As noted previously, the former Coon Trust property is covered by a separate LUC recorded on December 21, 2005. After the LUC was

recorded, DTSC issued an NFA letter for the former Coon Trust property which acknowledged impacts attributed to the adjoining SMC property (DTSC, March 30, 2006).

## 5.6 ADDITIONAL GROUNDWATER ASSESSMENT, 1995 - 2006

As the lateral and vertical distribution of VOCs in groundwater was not adequately defined by ENSR's Phase I remedial investigation (Section 5.4), additional monitoring wells were periodically installed through 2006. In all, 38 monitoring wells were installed within the boundary of the former Stauffer facility and 19 were installed offsite, for a total of 57. These 57 wells have generally been monitored on a semiannual basis. Stauffer and SMC have also conducted annual monitoring in more than 40 offsite wells installed on surrounding properties in conjunction with unrelated groundwater quality investigations. In broad terms, the principal groundwater contaminants are 1,2-DCA, VC, and TCE. Other VOCs are generally present in a limited number of wells, have been detected sporadically, and/or have been reported at lower concentrations with distributions similar to the "primary" VOCs. Collectively, data from the Stauffer/SMC and third-party wells have shown that VOCs attributed to the former Stauffer facility have migrated laterally offsite to the southwest and west and vertically down to Unit D, at around 300 feet bgs. VOCs have not been detected in Unit E groundwater at around 465 feet bgs. Historically, 1,2-DCA has been detected at the highest concentrations and over the largest area. As Avocet understands SMC will retain responsibility for groundwater contamination, a detailed discussion is not warranted herein other than in terms of how it could impact redevelopment of the subject site. In this regard, Unit A, the uppermost water-bearing zone, is most relevant and is discussed in more detail below. Information on the deeper water-bearing zones is provided in Appendix B.

The Unit A water-bearing zone ranges from 4 to 50 feet in thickness and is confined beneath the surficial aquitard, which is present from the ground surface to approximately 35 feet bgs. The base of Unit A generally dips to the northeast at a gradient of 0.06 foot per foot. The unit thickens to the northeast and thins rapidly to the west and southwest, potentially pinching out southwest of the facility, near Dominguez Channel and Wilmington Avenue (Figure 2). Unit A may be part of the Semiperched aquifer of Recent geologic age or part of the Gaspar aquifer. As of April 2010, 1,2-DCA concentrations in Unit A ranged up to over 10,000 µg/L in as many as four discrete areas of the former Stauffer facility. The highest 1,2-DCA concentration in Unit A as of April 2010 was in Well 14A (67,000 µg/L), located on the former Coon Trust property to the east, although an even higher concentration (72,000 µg/L) was reported in an offsite well on the Marathon property to the south. Isoconcentrations of 1,2-DCA and other groundwater contaminants in Unit A and the deeper water-bearing zones are included in Appendix B.

## 5.7 GROUNDWATER REMEDIATION, 2011 – PRESENT

Pursuant to ENSR's 1999 Phase II remedial investigation, which focused on groundwater and included an HHRA, AECOM conducted a groundwater feasibility study and prepared a RAP for groundwater (AECOM, May 2011). AECOM's feasibility study and RAP were informed by the results of nine groundwater pilot tests, including three variations of air sparging, two recirculating well stripping tests, enhanced aerobic biodegradation by biosparging and nutrient addition, and three different EISB tests using different electron donors. In the RAP, AECOM

## Phase I Environmental Site Assessment

proposed the ongoing EISB system described below for full-scale implementation. It is noted that for remediation purposes, the Groundwater OU was redefined to include saturated sediments between 25 and 35 feet bgs that had previously been included in the Soil OU. Based on a 2003 amendment to ENSR's HHRA for groundwater, RBCs for groundwater remediation were as follows:

Risk-Based Concentrations (RBCs) for VOCs in Groundwater ( $\mu\text{g/L}$ )		
Compound	Shallow Groundwater (Unit A)	Deep Groundwater (Units C & D)
1,2-Dichloroethane (1,2-DCA)	530,000	57
Vinyl chloride (VC)	8,900	0.55
1,1-Dichloroethylene (1,1-DCE)	13,000	0.85
Benzene	95,000	7.7
Chloroform	--	3.57
Trichloroethylene (TCE)	--	46
Tetrachloroethylene (PCE)	--	13

As with the RBCs for soil (Section 5.5), the RBCs were based on an ELCR of  $1 \times 10^{-5}$ . The RBCs for "shallow" groundwater were based on exposure via inhalation only, whereas the RBCs for "deep" groundwater were based on dermal contact, ingestion, and inhalation exposure pathways. The baseline condition for groundwater remediation is depicted in the 1,2-DCA and other VOC isoconcentrations included in Appendix B.

The EISB system is designed to biodegrade dissolved VOCs in groundwater in the Unit A, B, and C water-bearing zones, although Avocet understands that remediation in Unit C was terminated in late 2018. Dissolved VOCs have also been detected in Units D and E, albeit sporadically and at generally low concentrations only. The original EISB system consisted of 16 extraction wells along the hydraulically downgradient (western) facility boundary to "capture" contaminated groundwater. Of these 16 extraction wells, 7 were screened in Unit A, 5 in Unit B, and 4 in Unit C. The extracted groundwater is amended aboveground with soluble electron donors by adding ethanol and sodium lactate. The amended groundwater, which is not treated to remove VOCs, is then injected back into the aquifers, originally via 25 injection wells located along the hydraulically upgradient boundaries of the facility. More specifically, 18 injection wells were located along the northern and eastern boundaries of the SMC property and 7 were located along the eastern boundary of the adjoining Carson Industrial LLC property. Each well is protected by a flush-mounted and traffic-rated concrete vault. Of the original 25 injection wells, 11 were screened in Unit A, 8 in Unit B, and 6 in Unit C. The 80-foot-wide by 85-foot-long treatment compound is in the southeastern corner of the SMC property. A 26-foot-wide road is located along the eastern boundary of the SMC property to provide vehicular access. Construction of the EISB system began in December 2010 and was completed in August 2011. Startup and testing of the system were conducted between August and October 2011. After a "shake down" period, the EISB system became fully operational on October 20, 2011. As of October 2013, the total recirculation rates in Units A, B, and C were 57, 92, and 98 gpm, respectively. EISB system maintenance includes periodic well redevelopment to



## Phase I Environmental Site Assessment

maintain injection rates, adjustments to recirculation rates, and adjustments to donor dosage rates.

To optimize performance and address recalcitrant hotspots, the EISB system has been modified several times since remediation began in 2011. For example, AECOM and/or Group Delta have installed new injection wells and converted existing monitoring wells to injection wells. Also, EISB in Unit C was suspended in February 2015 for rebound monitoring purposes. Limited EISB was resumed in Unit C between August and December 2018 but has since been suspended again. A summary of the active and inactive extraction and injection wells is provided in Section 4.2 and the layout of the current EISB system is shown in Figure 7. On September 27, 2019, Group Delta proposed additional modifications to address residual source area contamination in Unit A around Wells MW-7A and MW-10A (Group Delta, September 27, 2019). The modifications involve hydraulic fracturing of the aquitard and the injection of EVO via a series of closely spaced direct-push injection borings around Wells MW-7A and MW-10A. Group Delta also proposed to convert two Unit B extraction wells (Wells EX-1B and EX-4B) to injection wells. DTSC approved Group Delta's proposed modifications for implementation via email on October 9, 2019 and Avocet understands the modifications will be made before the end of 2019. Figures showing Group Delta's interpretation of groundwater conditions at the site, as reported in its first semi-annual groundwater monitoring report for 2019 (Group Delta, September 30, 2019), are included in Appendix E.

AECOM does not expect the EISB system to mitigate dissolved VOCs that have already migrated beyond the system's zone of influence. Rather, monitored natural attenuation (MNA) is being implemented for "offsite" groundwater contamination based on the assumption that the EISB system is providing "onsite source control." Natural attenuation relies on natural processes that include various intrinsic physical, chemical, and biological processes that are occurring to reduce VOC concentrations in groundwater. Treatment of the source area by EISB will significantly reduce or eliminate further mass flux of VOCs to the offsite areas. Once the source area is treated and offsite VOC migration has stopped, the effectiveness of MNA in reducing dissolved VOC concentrations in offsite areas is expected to increase. The MNA program consists of semiannual monitoring and sampling of offsite groundwater monitoring wells to ensure that natural attenuation processes are occurring.

## 6.0 ADJOINING AND NEARBY PROPERTIES

This section summarizes a search by EDR of environmental databases and describes properties adjoining the subject site and selected nearby properties. The descriptions of adjoining and selected nearby properties are based on Avocet's observations from public rights-of-way, the adjoining areas of the facility, information included in the EDR report (Appendix K), and information available from the GeoTracker and EnviroStor websites maintained by CalEPA. As previously noted, the former Stauffer facility is located at the north end of an area dominated by petrochemical and related industries. Hazardous substance releases at several adjoining and nearby properties have impacted soil and/or groundwater, and, in some cases, these impacts have migrated beneath the subject SMC property. The history and current condition of adjoining and selected nearby properties are summarized below with emphasis on their impact, if any, on the subject SMC property.

### 6.1 DATABASE LISTINGS

EDR's database search encompassed over 90 databases maintained by local, state, and federal government agencies, including all of the databases specified in Section 8.2.1 of ASTM E1527-13. The "target property" address used by EDR for records search purposes was 2112 East 223<sup>rd</sup> Street, Carson. EDR's September 19, 2018 Radius Map Report with GeoCheck<sup>®</sup>, which is included in Appendix K, identifies numerous listings at the target property address and within ASTM-recommended search radii. These listings are summarized in Table 1, but in the interest of brevity and making relevant information more accessible, the following summaries focus on those database listings considered potentially relevant to the objectives of the subject Phase I ESA, specifically those pertaining to the subject site and to nearby properties with documented hazardous substance releases with the potential to have impacted the site. Other properties and/or database listings not considered indicative of a hazardous substance release, database listings for hydraulically downgradient or crossgradient properties, and database listings with "Closed – Case Completed" status have generally been screened out. It is noted in this regard that inclusion in certain of the databases searched is not, in and of itself, an indication that hazardous substances have been released or that the subsurface beneath the properties is contaminated. For example, inclusion in the HAZNET or the other databases that pertain to hazardous waste generation indicates that the generator is following the proper procedures. Similarly, the fact that USTs or ASTs are or were operated at a property and were registered with the state is not, in and of itself, of concern unless the tanks(s) had leaked, in which case the property should be included in other databases.

### 6.2 TARGET PROPERTY LISTINGS

The target property is numerous federal, state, and local databases under different variations of address and/or with different owner/operators. It is noted in this regard that even a minute variation in spelling or punctuation in an address or company name results in separate listings. To the extent possible based on the available information, the target property listings are summarized below in terms of whether they pertain to the subject SMC property, the former Coon Trust property, and/or the former Stauffer facility as a whole.

## Phase I Environmental Site Assessment

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page 35  
November 22, 2019

Address	Company	Database	Comment
<b>Subject Site Listings</b>			
2112 223 <sup>rd</sup> St E	Stauffer Management Co.	CA RGA LUST	Assumed to pertain to former USTs at the site
2112 E 223 <sup>rd</sup> St	Stauffer Management Company LLC	CA DRYCLEANERS	Apparently erroneous listing derived from SCAQMD records
		CA HAZNET	Pertains to hazardous waste (sludge from EISB) generation between 2008 and 2012
		CA CERS	Pertains to ongoing EISB remediation
2112 East. 223 <sup>rd</sup> St.	Stauffer Management Company LLC	FINDS	Pointer to EnviroStor, RCRA-related, and other database listings
		ECHO	Pertains to EPA hazardous waste generator ID
2112 East. 223 <sup>rd</sup> Street	Stauffer Management Co.	CA WDR	Pertains to ongoing EISB remediation
		CA CIWQS	Pertains to WDR for ongoing EISB remediation
2112 East. 223 <sup>rd</sup> Street	Stauffer Management Company LLC	SEMS-ARCHIVE	Site evaluated in 1986 but does not qualify for NPL
		CORRACTS	Pertains to past use for plastics manufacturing
		RCRA-TSDF	Pertains to ongoing EISB treatment
		RCRA-LQG	Pertains to past hazardous waste generation
		CA ENVIROSTOR	Pertains to DTSC involvement with facility-wide assessment and remediation
		CA CPS-SLIC	
		CA HIST Cal-Sites	
		CA HIST UST	Pertains to former USTs & ASTs
		2020 COR ACTION	Pertains to ongoing EISB remediation
		CA HWP	Pertains to ongoing site remediation
CA CERS	Pertains to ongoing site remediation		
2112 East. 223 <sup>rd</sup> Street	Stauffer Management Co.	CA Los Angeles Co. HMS	Pertains to unspecified permits
2112 E. 223 <sup>rd</sup> St.	City of Carson-Atkemix Thirty Seven Inc.	FINDS	Pointer to other database listings
2112 E 223 <sup>rd</sup> St.	Stauffer Chemical Co.	CA Los Angeles Co. HMS	Pertains to unspecified "removed" permits
		CA WDS	Pertains to ongoing EISB remediation
2112 0223 <sup>rd</sup> St E	Stauffer Management Co.	CA RGA LUST	Assumed to pertain to former USTs at the site with references to 1997 and 1998
2112 223 <sup>rd</sup>	Stauffer Management Co., LLC	CA CERS	Pertains to WDR violation on 8/17/2017 and other permit violations, including late submission of reports.

## Phase I Environmental Site Assessment

Address	Company	Database	Comment
2201_E_223 <sup>rd</sup> St Off Site.	Stauffer Management Co	RCRA SQG	Pertains to hazardous waste generation in 1997
		CA RESPONSE	Pertains to DTSC involvement & oversight facility-wide
		CA ENVIROSTOR	Pertains to DTSC involvement with facility-wide assessment and remediation
		CA LUST	Appears to pertain to UST removals in 1993
		CA CPS SLIC	Appears to pertain to UST removals in 1993
		CA DEED	Pertains to 9/4/2013 LUC
		CA CORTESE	Pertains to land use restrictions
		CA HAZNET	Pertains to hazardous waste generation in 1997
		CA HIST CORTESE	Rationale for listing unclear
CA CERS	Pertains to ongoing remediation		
<b>Other Potentially Relevant Listings</b>			
2254 223 <sup>rd</sup>	City of Carson - Swan Property	CA CPS SLIC	Rationale for listing unclear
2254 E. 223 <sup>rd</sup> Street	Coons Trust Property	CA ENVIROSTOR	Pertains to DTSC oversight and land use restrictions
		CA SLIC	Pertains to past LARWQCB involvement
		CA VCP	Pertains to DTSC oversight & reimbursement under VCP
		CA DEED	Pertains to 12/21/2005 LUC
		CA CERS	Pertains to past LARWQCB involvement

In broad terms, none of these target property listings summarized above suggest site conditions beyond those documented elsewhere in this report.

### 6.3 ADJOINING PROPERTIES TO THE NORTH

To the north of the site is a strip of land between East 223<sup>rd</sup> Street and the 405 Freeway. From east to west, this strip of land features or has featured a Cruise America recreational vehicle sales and service facility, the Cormier Chevrolet/Hyundai car dealership, a Honda facility, and a LACoFD fire station.

#### 6.3.1 Cruise America Facility, 2233 East 223<sup>rd</sup> Street

The Cruise America facility is a recreational vehicle sales and service facility on the north side of East 22<sup>rd</sup> Street (Figure 2). The Cruise America property features in several databases related to the generation of hazardous waste; however, the generation of hazardous waste is not, in and of itself, an indication that releases have occurred. Avocet notes that database entries include numerous violations; however, they appear to be of the administrative type, as opposed to violations indicting a hazardous substance release. The street address also features in numerous databases related to one or more leaking USTs under previous owners or occupying entities. More specifically, the address is listed under Cormier Hyundai as a small-quantity hazardous waste generator and under Carson Redevelopment Agency as a leaking UST site. The property

does not appear to feature in the GeoTracker database, but information provided by EDR indicates that a leaking UST case was opened in September 1997, apparently pursuant to the closure or removal of two USTs. No other information is available other than the leaking UST case apparently involved soil only was closed in March 1998.

Based on the above, there is no indication that releases at the Cruise America property have impacted the subject site.

### 6.3.2 WIN Chevrolet/Hyundai, 2201 East 223<sup>rd</sup> Street

Now occupied by WIN Chevrolet and Hyundai, the original Cormier Chevrolet dealership at this location dates back to between 1964 and 1972 and has featured as many as eight USTs over the years, including at least one UST that featured two compartments and was counted as two separate USTs. ENSR has reported that the eight USTs contained gasoline, waste oil, fresh motor oil, fresh transmission fluid, and unspecified degreasing solvents (ENSR, October 1995). It appears that there have been two separate releases at the former Cormier property, a release of gasoline discovered in 1986 and a more recent release of waste oil in 2008.

No documentation pertaining to the earlier release is available through GeoTracker; however, AECOM has reported that six of the USTs in the southwest corner of the Cormier property were removed in 1986 (Earth Tech AECOM, January 29, 2009). Numerous soil borings revealed three distinct areas of soil contamination attributed to the USTs. The contaminated soils were excavated and removed in 1989 and two new double-walled USTs were installed and utilized for oil storage. In September 1994, two other gasoline USTs were removed from the north-central portion of the Cormier property. As of 1995, Cormier had installed at least eight groundwater monitoring wells, some of which contained 1,2-DCA attributed to releases at the Stauffer facility.

According to documents available through GeoTracker, four USTs (including a dual-compartment tank that was counted as two) were removed in November 2005: two 500-gallon motor oil tanks, a 500-gallon transmission fluid tank, and a 1,000-gallon waste oil tank (LARWQCB, July 16, 2008). These four USTs were located adjacent to a repair shop and were replaced by ASTs. Soil matrix samples collected in conjunction with the UST removals contained total recoverable petroleum hydrocarbons (TRPH) at concentrations up to 135,000 mg/kg; however, benzene and methyl *tert*-butyl ether (MTBE) were not detected. In April 2007, three borings were drilled to 30 feet bgs to assess the lateral and vertical extent of the TRPH impact, which appeared to be centered beneath a dispenser island. Of the 18 soil samples analyzed, only one 5-foot sample contained TRPH, at 554 mg/kg, and none contained benzene or MTBE. LARWQCB concluded that this residual contamination did not pose a significant threat and, on July 16, 2008, issued an NFA letter for the four removed USTs.

Based on the above, it appears unlikely that the 2005 waste oil release has impacted the subject site; however, the earlier release discovered in 1986 may have, although any such impacts would have been minor compared to the impacts attributed to Stauffer's operations. It is noted, however, that groundwater extraction from EISB wells along the western boundary of the former

Stauffer facility could conceivably accelerate the migration of residual contaminants, if any, toward the former Stauffer facility.

### 6.3.3 Honda, 2055 East 223<sup>rd</sup> Street

Now occupied by Honda for the sale and service of generators, the property at 2055 East 223<sup>rd</sup> Street, to the northwest of the site (Figure 2), was previously occupied by U.S. Golf. The property is listed in several leaking UST databases and is referred to as the former Markstein Property. In brief, it appears that groundwater beneath the property has been impacted by gasoline attributed to a release from a former UST, with U.S. Golf listed as the “responsible party.” Three groundwater monitoring wells have been installed at the property and are being monitored on a semiannual basis (Economy Environmental, Inc., January 15, 2011). The most recent monitoring report available through GeoTracker indicates that the historical maximum concentrations of TPH-g, benzene, and MTBE in groundwater have been 98,000 µg/L, 15,000 µg/L, and 380 µg/L, respectively (Economy Environmental, Inc., January 15, 2011). The most recent data, for the fourth quarter of 2010, however, indicate current maximum TPH-g, benzene, and MTBE concentrations of 1,000 µg/L, 17 µg/L, and 6.6 µg/L, respectively (Economy Environmental, Inc., January 15, 2011). At least one additional groundwater monitoring event occurred in February 2014, and although the report is not available on GeoTracker, the maximum reported concentrations of TPH-g, ethylbenzene, xylenes, and naphthalene were 4,4600 µg/L, 218 µg/L, 118.4 µg/L, and 168 µg/L, respectively (LARWQCB, June 16, 2014). LARWQCB stated that it could not close the case pursuant to its “low threat closure policy” (LTCP) and asked the responsible party to collect and analyze soil matrix samples from two borings to 20 feet bgs in the former UST area (LARWQCB, June 16, 2014). The responsible party complied, and although the report is not available on GeoTracker, the soil matrix samples contained only benzene and toluene at maximum concentrations of 0.0057 and 0.0051 mg/kg, respectively (LARWQCB, December 29, 2014). Pursuant to these results, LARWQCB issued an NFA letter for the leaking UST case pursuant to its LTCP (LARWQCB, December 29, 2014).

Contrary to the regional hydraulic gradient in Unit A, as interpreted at the former Stauffer facility, groundwater beneath the former U.S. Golf property reportedly flows to the north-northwest, possibly indicating that one or more of the three monitoring wells are actually screened in a perched zone overlying Unit A proper. Regardless of whether the hydraulic gradient is to the north-northwest or to the southwest, however, the former U.S. Golf property would not be considered hydraulically upgradient of the former Stauffer facility. As such, it is unlikely that the gasoline release at the former U.S. Golf property has adversely impacted the subsurface environment beneath the subject site.

### 6.3.4 LACoFD Fire Station #127, 2049 East 223<sup>rd</sup> Street

Located to the northwest of the site (Figure 2), this LACoFD station formerly featured two 1,000-gallon USTs, one for gasoline and one for diesel. Based on records available through GeoTracker, the two USTs were removed in November 1995, at which time contaminated soil was identified in the floor of the tank excavation, with TPH-g concentrations up to 400 mg/kg and benzene concentrations up to 1.02 mg/kg (LARWQCB, February 17, 2011). The lateral

extent of the contamination was delineated via the collection of soil samples from four monitoring well borings, all screened in Unit A, and five direct-push borings. Soil samples from these borings contained TPH-g at concentrations up to 7,040 mg/kg, benzene up to 5.39 mg/kg, and MTBE up to 4.48 mg/kg. Unit A groundwater samples contained TPH-g at concentrations up to 3.6 mg/L, benzene up to 0.27 mg/L, and MTBE up to 1.19 mg/L.

Between February 4 and March 26, 2010, approximately 20 gallons of Fenton's reagent were injected into each of three injection wells in the former UST area. Post-remediation groundwater monitoring showed that only 0.0184 mg/L of MTBE remained in groundwater in a single well; no other hydrocarbons were detected (LARWQCB, February 17, 2011). LARWQCB concluded that this residual contamination did not pose a significant threat and, on March 28, 2011, issued an NFA letter for Fire Station #127.

Contrary to the regional hydraulic gradient in Unit A, as interpreted at the former Stauffer facility, groundwater beneath Fire Station #127 reportedly flowed to the east-southeast, possibly indicating that one or more of the four monitoring wells were actually screened in a perched zone overlying Unit A proper. Taking the east-southeasterly gradient at face value, however, Fire Station #127 would be considered hydraulically upgradient of the former Stauffer facility. Given the intervening distance and the minor nature of the residual contamination, however, it is considered unlikely that the fuel hydrocarbon releases at Fire Station #127 have adversely impacted the subsurface environment beneath the subject site. It is noted that the east-southeasterly gradient reported at Fire Station #127 is opposite the north-northeasterly gradient at the adjoining former U.S. Golf property discussed above in Section 6.3.3.

## 6.4 ADJOINING PROPERTIES TO THE SOUTH

Directly to the south of the site is the Marathon (former ARCO) refinery and to the southwest is a PolyOne (formerly Geon) petrochemical facility. Further south is a former Johns Manville asbestos facility.

### 6.4.1 Marathon Refinery

Now owned and operated by Marathon, the former ARCO refinery borders the site to the south (Figure 2). Originally a Pan American Petroleum Company refinery, which commenced operations in 1923, it was purchased and expanded by ARCO in 1937 (Earth Tech AECOM, January 29, 2009). Over 400 borings have been drilled and numerous monitoring wells have been installed over the past 30 years to evaluate petroleum contamination underlying the refinery. Most of the wells are screened within the water table aquifer. ARCO and its affiliates have also installed at least seven and possibly as many as ten or more monitoring wells into deeper aquifers as part of its vertical delineation of fuel oxygenates. These monitoring wells are in addition to nine industrial production wells. Investigations at the facility have identified as many as ten areas underlain by LNAPL attributed to releases from refinery operations. Other contaminants identified in soil and groundwater beneath the refinery include aromatic hydrocarbons, notably benzene, toluene, ethylbenzene, and total xylenes (BTEX); MTBE; and other fuel oxygenates. Chlorinated VOCs, including 1,2-DCA and VC, have also been detected.

In particular, sample results from three ARCO monitoring wells located near the southeast corner of the SMC property contain 1,2-DCA attributed to the former Stauffer facility.

ARCO's subsurface investigations have shown that petroleum hydrocarbons beneath the "North Property," south and southwest of the former Stauffer property, do not extend beyond 225 feet bgs and plumes beneath the Main Refinery (located further south) do not extend beyond 340 feet bgs. High-volume groundwater recovery systems are in operation using shallow recovery wells located in the central and western portions of the ARCO refinery. The ARCO refinery is considered hydraulically downgradient of the site, although the onsite EISB extraction wells may locally reverse the regional groundwater flow directions in Unit A and the deeper water-bearing zones.

#### **6.4.2 PolyOne Facility, 2104 East 223<sup>rd</sup> Street**

Formerly operated by B.F Goodrich and Geon (ENSR, October 1995), the PolyOne facility is located southwest of the subject site (Figure 2) and dates back to between 1952 and 1963. PolyOne's product line includes vinyl plastisols and additives (Earth Tech AECOM, January 29, 2009). Prior operations included the polymerization of PVC and VC that was stored onsite. No information is available on GeoTracker or EnviroStor for the PolyOne property; however, ENSR has reported that subsurface environmental investigations date back to at least 1991 and have included at least eight groundwater monitoring wells screened in Unit A and, in one case, in a perched zone overlying Unit A. No information is available regarding the possible impact, if any, of PolyOne's operations on the subsurface environment. However, data from the PolyOne wells indicate the presence of 1,2-DCA at concentrations up to 80 mg/L (ENSR, October 1995) that has been attributed to releases at the former Stauffer facility.

#### **6.4.3 Former Johns Manville Property, 2420 East 223<sup>rd</sup> Street**

Between 1937 and 1982, Johns Manville manufactured asbestos insulation products, asbestos cement pipe, mineral wool insulation, and PVC pipe on an approximately 65-acre property located south of the Marathon refinery (DTSC, June 29, 1990). The Johns Manville property was accessed via a driveway from East 223<sup>rd</sup> Street. As a result of Johns Manville's manufacturing operations, near-surface soil in some areas of the property was impacted by asbestos fibers. A remedial investigation showed that airborne asbestos fibers were the only "contaminant of concern." A subsequent feasibility study showed that excavating asbestos-containing soil and placing it in onsite containment cells was the best remedial alternative. During remedial excavation between October 1989 and June 1991, three USTs were encountered and removed and associated contaminated soil was excavated and transported offsite for disposal (DTSC, June 29, 1990). The volume of asbestos-containing soil at the Johns Manville property was estimated at 550,000 cubic yards. Of this total, approximately 88,000 cubic yards were excavated and placed in one or more of three onsite cells. On completion of the remedial excavation, the disposal cells were paved with asphalt and the property deed restricted.



## 6.5 ADJOINING PROPERTIES TO THE EAST

Immediately east of the site is the Carson Industrial LLC property, representing the western 6 acres of the former Coon Trust property, and beyond it, a Marathon administrative building.

### 6.5.1 Carson Industrial LLC Property, 2254 East 223<sup>rd</sup> Street

The approximately 11-acre former Coon Trust property, of which the Carson Industrial LLC property was a part, was first developed prior to 1927 with as many as five very large ASTs. The purpose of the ASTs is not known, but given the then recent and nearby discovery of oil and the numerous refineries to the south, they may have stored crude oil or refined petroleum products. Sometime prior to 1947, the five ASTs were removed and the former Coon Trust property was redeveloped as what appears to have been a storage facility. Historical records indicate that Apache Freight and Specialty Pipe occupied the property at some point in time, possibly simultaneously, as the former Coon Trust property may have been divided into eastern and western portions. Very little is known about Apache Freight, Specialty Pipe, and possibly other tenants or occupants over the years. There are no records of USTs having been located at the former Coon Trust property, although Avocet notes that it would be somewhat unusual if Apache Freight had not had USTs to fuel its trucks.

Between 1978 and 1982, the former Coon Trust property was part of the former Stauffer facility. Stauffer's expansion into the former Coon Trust property involved mostly warehouse capacity, although some manufacturing infrastructure was included, as was a large concrete-lined stormwater impound basin. After Stauffer ceased manufacturing in 1982, the infrastructure on the former Coon Trust property was demolished "to grade"; foundations and other subsurface features, possibly including pipelines, were left in place. Stauffer has since investigated subsurface environmental conditions beneath the former Coon Trust property to assess the impact of Stauffer's manufacturing operations; however, none of the investigations addressed prior land uses, notably the large ASTs present in the 1920s.

In February 2014, Avocet conducted a Phase II investigation and a vapor intrusion assessment in the western portion of the former Coon Trust property as a precursor to Carson Industrial LLC purchasing it from the City of Carson. Avocet's additional Phase II investigation included the collection and analysis of six soil matrix samples from borings advanced within the footprints of the former ASTs. The soil matrix samples were analyzed for TPH and VOCs. In addition to the soil matrix sampling associated with the former ASTs, Avocet also collected soil vapor samples at 5 and 15 feet bgs at 12 locations throughout the site (Avocet, April 9, 2014). The results of the soil matrix sampling indicated that low, ultimately insignificant concentrations of TPH in the oil range were detected in three of the six samples collected. In addition, five of the six samples contained detectable concentrations of one or more of four VOCs; however, all of the reported concentrations were well below potentially applicable regulatory screening levels. Of the 29 (24 plus 5 duplicates) soil vapor samples, 8 contained relatively low but detectable concentrations of one or more of seven VOCs, including 1,2-DCA, the predominant contaminant associated with the former Stauffer facility. The relatively low VOC concentrations in soil vapor were considered consistent with the completed and DTSC-certified vadose zone remediation program (Avocet, April 9, 2014). Avocet understands that Carson Industrial LLC does not plan

to construct any occupied structures; rather, its property will be paved and leased to Marathon for employee parking.

Regardless of the future use of the Carson Industrial LLC property, Avocet believes there is little likelihood that operations on the former Coon Trust property prior to 1978 are likely to have impacted subsurface conditions beneath the subject SMC property.

### **6.5.2 ARCO Polypropylene, LLC, 2420 East 223<sup>rd</sup> Street**

Little is known about the early history of the property immediately east of the former Coon Trust property other than that it was first developed for industrial purposes before 1947, prior to which it had been agricultural. In the late 1940s and 1950s, it appears to have been some type of outside storage facility served by an oval-shaped railroad track; however, the type(s) of materials stored are not known. By the early 1960s, it appears to have been contiguous with the property to the south but was still being used for outside storage. At some stage it was acquired by ARCO, which constructed two baseball diamonds on the southern portion and paved the northern portion for storage. After it acquired the eastern 6 acres of the former Coon Trust property from the City of Carson sometime after 2005, ARCO redeveloped the two adjoining properties with an administrative building for ARCO Polypropylene, LLC, with a street address of 2420 East 223<sup>rd</sup> Street.

Absent additional readily accessible information, it is difficult to assess the potential impact, if any, of operations on the ARCO property on the subject site. It is noted in this regard that the presence of very high benzene concentrations in groundwater in Well MW-3A, in the northeast corner of the former Coon Trust property, remain unexplained. It is just as likely, however, that the benzene migrated from another property to the north or northeast.

## **6.6 SOLUTIA PROPERTY TO THE WEST**

Immediately west of the site is the approximately 10.7-acre Solutia (formerly Witco and Monsanto) facility at 2100 East 223<sup>rd</sup> Street. After being agricultural land, the Solutia property was developed in the early 1960s (Northgate Environmental Management, Inc. [Northgate], June 29, 2012) with as many as 22 ASTs in the southern portion of the property. These ASTs were grouped into a “Western Tank Farm” and a “Southeastern Tank Farm.” To the north of these AST farms were an office building, a warehouse, and other process infrastructure. Wastewater treatment facilities were located in the southwest corner of the property. According to ENSR, the property was a surfactant and detergent manufacturing facility operated by Witco in 1995 (ENSR, October 1995); however, it is not clear from readily available information whether Witco was the original operator. Regardless, Monsanto Chemical Company (Monsanto) acquired the property from Witco in 1985 (Earth Tech AECOM, January 29, 2009) and continued surfactant manufacturing until 1991. Raw materials used in manufacturing included benzene, paraffin, olefin, chlorine, anhydrous ammonia, and aluminum chloride.

Shortly after it acquired the property, Monsanto began investigating subsurface environmental conditions. Groundwater monitoring wells screened in Units A and B indicated the presence of TPH, chlorobenzene, and benzene in groundwater, the latter of which was also present as

## Phase I Environmental Site Assessment

LNAPL. The TPH and aromatic hydrocarbons, notably including the benzene, were attributed to releases from the Monsanto property, but Units A and B also contained 1,2-DCA at concentrations up to 70 and 100 mg/L, respectively (ENSR, October 1995), suggesting migration from the Stauffer facility. Monsanto installed three “skimming wells” to recover benzene LNAPL from the shallow water-bearing unit and also operated a “pulsed” soil vapor extraction system from August 1995 through October 2001 as part of a soil and groundwater RAP prepared under a Consent Agreement with DTSC entered in December 1990. In 1993, Monsanto sold the property to Remediation Capital Corporation; however, Remediation Capital Corporation declared bankruptcy and responsibility for remediating the site reverted to Solutia, which was spun off from Monsanto in September 1997.

In or around 2011, Solutia excavated approximately 940 cubic yards of benzene-impacted soil and transported it offsite for disposal. Pursuant to post-excavation soil and soil vapor sampling, DTSC issued Solutia an NFA letter for soil on the basis that residual benzene concentrations in vadose zone soil “will likely biodegrade over time” (DTSC, June 29, 2012). In the same letter, however, DTSC noted that continuous groundwater remediation is needed to prevent benzene off-gassing from groundwater from re-contaminating vadose zone soil.

Based on documents available through EnviroStor, Avocet understands that Solutia pilot tested an oxygen biosparge system in part of the area formerly underlain by benzene LNAPL (Solutia, October 10, 2013). However, DTSC has noted that SMC’s EISB extraction wells along the boundary with the Solutia property have reversed the natural southwesterly groundwater flow direction in Unit A and may be causing benzene beneath the Solutia property to migrate toward the SMC property. Moreover, DTSC has pointed out that Solutia’s attempt to create conditions conducive to aerobic degradation are “mutually exclusive” from SMC’s program to establish conditions conducive to anaerobic degradation (DTSC, March 14, 2013). Notwithstanding the above, Solutia continued with the biosparge pilot test but noted that the biotranspiration rate began to decline and applied for a general Waste Discharge Requirements (WDR) permit to allow it to add supplements to groundwater to enhance bioremediation activity (Northgate, January 30, 2019). The WDR permit was issued in February 2014 and Solutia began injecting a nitrate, phosphate, lactate, and ferrous sulfate solution into the subsurface via 23 biosparge wells. Solutia has since made a few modifications, but bioremediation appears to be ongoing (Northgate, January 30, 2019).

Avocet notes that the area Solutia is bioremediating is to the west and southwest of the subject site and that SMC is operating several EISB extraction wells along the shared site boundary. It seems likely that SMC’s extraction wells could be drawing in benzene and possibly other contaminants from the adjoining Solutia site and, as previously noted, 1,2-DCA attributed to the SMC site has been detected at the Solutia site in the past.

### 6.7 OFFSITE DATABASE LISTINGS

After reviewing the information provided in EDR’s report (Appendix K) and additional information available from the GeoTracker and EnviroStor websites maintained by CalEPA, the following two sites are considered potentially relevant for Phase I ESA purposes.

### 6.7.1 Niklor Chemical Co., 2060 East 220<sup>th</sup> Street

The former Niklor facility is located approximately 0.26 mile north of the former Stauffer facility. Documents available through GeoTracker indicate that Niklor manufactured chloropicrin, a soil fumigant, at the facility for 34 years until 2003, at which time the site was cleared, apart from an office building (Environmental Audit, Inc. [EAI], January 15, 2007). At some stage, it was discovered that soil around a wastewater clarifier (referred to as Sump T-001) had been impacted by chloropicrin. As part of the subsequent investigation, as many as seven groundwater monitoring wells were installed and a soil vapor survey was conducted. Based on their depths, the wells appear to have been screened in or above Unit A and they generally indicate flow to the south. Data from the wells indicated the presence of several chlorinated and aromatic VOCs, which Niklor maintained were not attributable to its former operations.

In May and June 2006, approximately 2,500 cubic yards of chloropicrin-impacted soil was excavated from around the wastewater clarifier. The excavation extended to a depth of 25 feet bgs, approximately 5 feet beneath the water table, and necessitated the destruction of one of the seven monitoring wells. A total of 22 confirmation soil samples from the walls and floor of the excavation contained residual concentrations of chloropicrin at up to 34.8 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) and also elevated concentrations of sodium and chloride (EAI, January 15, 2007). EAI noted that there are no screening levels for chloropicrin but it considered the residual concentrations low and requested closure for soil. It is not clear whether LACoFD granted closure for soil, but it appears that periodic groundwater monitoring was conducted at least through 2011. The groundwater data indicate that elevated sodium and chloride concentrations are generally limited to within the former site boundary and that relatively low concentrations of certain VOCs are also present (EAI, April 15, 2011). GeoTracker indicates that the case was closed on November 21, 2007.

Taking the reported southerly groundwater flow direction at face value, the former Niklor facility would be directly upgradient of the former Stauffer facility. However, based on the intervening distance and the generally low VOC concentrations reported in groundwater beneath the Niklor property, it appears unlikely that the subject site has been adversely impacted.

### 6.7.2 Rainbow, 21119 Wilmington Avenue, Carson

The approximately 10-acre Rainbow facility is located almost a mile north of the former Stauffer facility and has been used since the 1960s for tanker truck cleaning, truck and trailer parking, waste containerization, vehicle staging, and vehicle maintenance. In the 1980s, Rainbow applied for and was granted Interim Status authority to act as a hazardous waste facility. Rainbow initially intended to apply for a Standardized Permit to treat wastewater generated during cleaning of hazardous waste transportation vehicles. However, after considering its options, Rainbow elected to limit operations to cleaning hazardous material transportation vehicles and applied for authorization under the Permit by Rule tier to operate a wastewater treatment plant at the site.

Without going into detail, it appears that tanker truck cleaning and related operations have resulted in significant vadose zone and groundwater impacts involving PCE at the Rainbow site.

## Phase I Environmental Site Assessment

As of 2004, as many as 11 “solid waste management units” (SWMUs) and two “areas of concern” (AOCs) had been identified. On December 28, 2004, DTSC and Rainbow entered into a Corrective Action Consent Agreement (Docket HWCA: P1-04/05-005) for the investigation of the SWMUs and AOCs at the site. Based on a review of existing site characterization data, DTSC concluded that additional investigation was warranted at SWMUs 2, 3, 8, 10, and 11, and AOC 2. Rainbow has since characterized subsurface conditions and begun remediating soil and groundwater impacts (Environ, July 26, 2013).

While the subsurface impacts beneath the Rainbow site are significant, it is not directly upgradient of the former Stauffer facility based on interpreted flow directions in the impacted intervals. Moreover, the Rainbow site is almost 1 mile away from the former Stauffer facility, and Rainbow’s site assessment data do not indicate that its contamination has migrated very far offsite. Based on the above, it appears unlikely that the former Stauffer facility has been adversely impacted by releases at the Rainbow site.

## 7.0 SUMMARY AND CONCLUSIONS

This section presents the conclusions of the Phase I ESA for the subject site in terms of identified and sequentially numbered RECs, CRECs, HRECs, and OEFs.

### 7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

ASTM (2013) defines RECs as:

*“. . . the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.”*

ASTM (2013) goes on to define *de minimis* as:

*“. . . a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”*

Based on the subject Phase I ESA, Avocet has identified a single REC at the site, as follows:

- **REC 1 – Groundwater Contamination.** Groundwater in Units A, B, and C beneath the site has been impacted by 1,2-DCA, VC, and other VOCs. Groundwater remediation was initiated in October 2011 but is expected to require at least five years before cleanup goals in Unit A are achieved. As groundwater in Unit A has no direct beneficial uses, the cleanup goals are based on exposure via inhalation of VOC vapors at the ground surface. It is noted in this regard that soil vapor conditions beneath the SMC property have not been assessed since 1995, although the LUC (Appendix C) requires vapor barriers beneath new buildings unless DTSC accepts “analysis” that indicates they are unnecessary. As groundwater contamination beneath the site has not yet been addressed to DTSC’s satisfaction, and as the LUC for the site was triggered by residual soil contamination (as opposed to groundwater contamination), Avocet does not believe groundwater contamination is an HREC or a CREC.

### 7.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

ASTM (2013) defines CRECs as a REC:

*“. . . resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the*

## Phase I Environmental Site Assessment

*implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."*

Based on the subject Phase I ESA, Avocet has identified a single CREC at the site as follows. To minimize possible confusion, the REC and CREC identification numbers are sequential.

- **CREC 2 – Soil Contamination at 25 to 35 Feet bgs.** Contaminants attributed to releases at the site are present in saturated, low-permeability soil between 25 and 35 feet bgs. VLE was not effective in removing VOCs from soil in this vertical interval, which has been transferred to the Groundwater OU. Residual contamination between 25 and 35 feet bgs (Figures 5 and 6) resulted in a LUC being recorded for the SMC property. As residual soil contamination between 25 and 35 feet bgs is addressed by the LUC, it is considered a CREC as opposed to a REC or HREC.

### 7.3 HISTORICAL RECs (HRECs):

ASTM defines HRECs as

*“. . . a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."*

Based on the subject Phase I ESA, Avocet has identified two HRECs at the site, as follows. To minimize possible confusion, the REC, CREC, and HREC identification numbers are sequential.

- **HREC 3 – Soil Contamination at 0 to 15 Feet bgs.** As noted above, contaminants attributed to releases at the site have impacted the surficial aquitard above Unit A as well as groundwater in Unit A and deeper water-bearing zones. To the extent they impacted the upper 15 feet of the unsaturated vadose zone, contaminants in this vertical interval have been addressed by VLE, and DTSC has certified that remediation in that interval is complete. As such, VOC impacts in the upper 15 feet of the unsaturated vadose zone beneath the site are considered an HREC.
- **HREC 4 – Former USTs.** Stauffer operated three single-walled steel USTs in the northwest corner of the subject site: 500- and 2,000-gallon USTs for leaded gasoline and a 500-gallon UST for waste oil. It is not clear when the three USTs were installed but the waste oil UST was taken out of service in 1978 and the gasoline USTs were taken out of service in 1982. In 1993, all three single-wall USTs were permanently closed by removal. Impacted soil was encountered during the removal of the USTs and over-excavated. A total of 12 soil matrix samples were collected from beneath the three USTs and the associated piping systems and dispensers and analyzed for a variety of fuel hydrocarbon constituents. None of the

soil samples contained fuel hydrocarbons, and on June 29, 1994, LACoDPW issued an NFA letter for the three USTs.

#### 7.4 OTHER ENVIRONMENTAL FEATURES (OEFs)

OEFs are potential environmental features or conditions that do not meet the definition of a REC, CREC, or HREC but which may warrant mention in the context of acquiring and redeveloping the site. Based on the subject Phase I ESA, Avocet has identified three OEFs at the site, as follows. To minimize possible confusion, the REC, CREC, HREC, and OEF identification numbers are sequential.

- **OEF 5 – Subsurface Piping and Other Infrastructure.** In the years that followed the cessation of manufacturing operations in 1982, SMC demolished and removed buildings and aboveground infrastructure “to grade,” meaning that subsurface infrastructure, including pipelines and possibly sumps and vaults, was left in place. AECOM personnel are unaware whether the pipelines were systematically drained and flushed prior to being abandoned but have reported that pipelines encountered when trenching for remediation system piping did not contain liquids. It would be prudent to assume that subsurface piping and possibly other infrastructure will be encountered during site redevelopment and will have to be addressed appropriately.
- **OEF 6 – Consent Agreement.** The site is subject to continued DTSC oversight pursuant to the Consent Agreement entered in 1994 (Appendix A).
- **OEF 7 – Land Use Covenant.** The LUC (Appendix C) restricts how the SMC property can be used. Assuming Panattoni is not contemplating anything other than commercial/industrial redevelopment, the Prohibited Uses (Article 4.01) and Prohibited Activities (Article 4.03) should not apply. However, the articles pertaining to soil management, new construction, and non-interference with the EISB system and associated monitoring wells may apply. With respect to soil management (Article 4.02), DTSC requires a Soil Management Plan if soil at or below 15 feet bgs is to be disturbed. Article 4.04 of the LUC requires that new buildings feature vapor barrier “unless analysis is provided to indicate vapor barriers are unnecessary as approved by the Department” (i.e., DTSC). As previously noted, Avocet interprets the non-interference clause (Article 4.05) as requiring future landowners to seek DTSC’s approval to replace any remediation or monitoring infrastructure damaged or destroyed during redevelopment.



**Phase I Environmental Site Assessment**

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

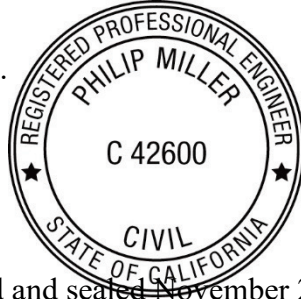
Page 49  
November 22, 2019

Respectfully submitted,

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Signed and sealed November 22, 2019

## Phase I Environmental Site Assessment

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## Phase I Environmental Site Assessment

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page 51  
November 22, 2019

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Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page 52  
November 22, 2019

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## Phase I Environmental Site Assessment

Former Stauffer Chemical Company Facility  
2112 East 223<sup>rd</sup> Street, Carson, California 90745

Page 53  
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# *Tables*

**Table 1**  
**EDR Database Listings**  
Former Stauffer Chemical Company Facility  
2112 East 223rd Street  
Carson, California, 90745

Site Name	Address	Database Acronyms	Distance (miles)	Direction	Discussed in Text
Stauffer Management Co	2112 East 223rd Street	RGALUST, CERS, DRYCLEANERS, HAZNET, CERS, FINDS, ECHO, CIWQS, WDR, RCRA-LQG, CERS, CORRACTS, SEMS-ARCHIVE, RCRA TSD, 2020 COR ACTION, CPS-SLIC, HIST Cal-Sites, HIST UST, ENVIROSTOR, HWP, LOS ANGELES CO. HMS, WDS, RGA LUST	Target Property	N/A	Yes
City Of Carson - Atkemix Thirty Seven Inc.		FINDS			Yes
Stauffer Management Co	2201 East 223rd Street (Offsite)	CPS-SLIC, ENVIROSTOR, RCRA-SQG, DEED, LUST, Cortese, RESPONSE, HIST CORTESE	0.003	WNW	Yes
City Of Carson - Swan Property	2254 East 223rd Street	CPS-SLIC	0.006	NE	Yes
Coons Trust Property		CPS-SLIC, ENVIROSTOR, DEED, VCP			Yes
Cormier Chevrolet Co	2201 East 223 Street	RCRA-SQG, SWEEPS UST, CA FID UST	0.010	NNW	Yes
Bfgoodrich Chemical Group	2104 East 223rd Street	HIST UST	0.010	NW	Yes
Carson Redevelopment Agency	2233 East 223rd Street	LUST	0.018	NNE	Yes
Monsanto Chemical Company	2100 East 223rd Street	CPS-SLIC, HIST Cal-Sites, ENVIROSTOR, SWEEPS UST, CA FID UST	0.021	WNW	Yes
Solutia Inc. Carson Site		RCRA-LQG, CORRACTS, RCRA-TSD, HWP			Yes
Polyone Corp	2104 East 223rd Street	CERS HAZ WASTE	0.041	SW	Yes
Fire Station 127	2049 East 223rd Street	CPS-SLIC, HIST UST	0.043	WNW	Yes
City Of Carson - Lucas Property	2059 East 223rd Street	CPS-SLIC	0.043	WNW	No
Cormier Hyundai	2233 East 223rd Street	RCRA-SQG, SWEEPS UST	0.043	ENE	Yes
Praxair Distribution Inc	2006 East 223rd Street	UST	0.046	WNW	No
Monsanto Chemical Company	2100 East 223rd Street	ENVIROSTOR, Cortese, RESPONSE, HIST CORTESE	0.051	W	Yes
Cormier Chevrolet	2201 East 223rd Street	CPS-SLIC, HIST UST, SWEEPS UST, CERS HAZ WASTE, CERS TANKS, RCRA-SQG, LUST, HIST CORTESE, UST	0.053	N	Yes
Win Chevrolet Hyundai		AST			Yes
Caliber Collision Center		AST			Yes
Solutia Inc.	2100 East 223rd Street	CERS HAZ WASTE	0.055	W	Yes
Monsato Carson Plant		CPS-SLIC			Yes
Carson Redevelopment Agent	2233 East 223rd Street	HIST CORTESE	0.063	NE	Yes
Cruise America		CERS HAZ WASTE			Yes
Former Markstein Property	2055 East 223rd Street	LUST	0.069	WNW	Yes
Herron Optical Products Division	2035 East 223 Street	RCRA-SQG	0.069	WNW	No
Former Markstein Distributors	2055 East 223rd Street	CERS HAZ WASTE, HIST CORTESE	0.072	WNW	No
LA County Fire Station #127	2049 East 223rd Street	SWEEPS UST, CERS HAZ WASTE, LUST, HIST CORTESE	0.100	WNW	Yes
City Of Carson - La County Property		CPS-SLIC			Yes
Arco Polypropylene LLC	2384 East 223rd Street	CPS-SLIC	0.108	ENE	No
City Of Carson - Arco		CPS-SLIC			No
Ineos Polypropylene LLC		CERS HAZ WASTE			No
City Of Carson - L & M Franklin Inv.	2035 East 223rd	CPS-SLIC	0.118	WNW	No
Praxair, Inc.	2006 East 223rd Street	SWEEPS UST, CERS HAZ WASTE, CERS TANKS, AST	0.119	W	No

**Table 1**  
**EDR Database Listings**  
Former Stauffer Chemical Company Facility  
2112 East 223rd Street  
Carson, California, 90745

Site Name	Address	Database Acronyms	Distance (miles)	Direction	Discussed in Text
City Of Carson - Arco	2006 East 223rd	CPS-SLIC	0.120	WNW	No
Liquid Carbonic		HIST UST, CERS HAZ WASTE, HIST UST, SWEEPS UST, CA FID UST			No
Certified Coating At Arco	2000 East 223rd Street	RCRA-SQG	0.138	WNW	No
Manville Plant Site	2400 East 223rd Street	WMUDS/SWAT	0.157	ENE	
Edoco	22039 South Westward Avenue	HIST CORTESE, HIST UST, SWEEPS UST, HIST UST, CA FID UST, RCRA-SQG, LUST, SWEEPS UST	0.165	NNE	No
Ventura Transfer Company	2418 East 223rd Street	UST, LUST	0.183	ESE	No
Freeway Engine Sales	1935 East 223rd Street	RCRA-SQG	0.183	WNW	No
Red-d-arc Inc	1945 East 223rd Street	CERS HAZ WASTE	0.184	WNW	No
Timco	2032 220th Street E	LUST	0.185	NW	No
Spinello Construction	2414 East 223rd Street	SWEEPS UST	0.194	ENE	No
Ameron Pipe Lining Division		HIST UST, SWEEPS UST, CA FID UST			No
Ventura Transfer Company	2418 E 223rd Street	CERS HAZ WASTE, CERS TANKS, HWT, HIST UST, SWEEPS UST	0.203	ENE	No
Carson Bodyshop	1933 East 223rd Street	RCRA-SQG, LUST	0.203	W	No
Manville Corporation	2420 East 223rd Street	HIST Cal-Sites, CA BOND EXP. PLAN, ENVIROSTOR, DEED, LUST, RESPONSE, HIST CORTESE	0.210	ENE	Yes
Dayton Superior Specialty Chemical	22039 South Westward Avenue	LUST	0.213	NNE	No
L B Foster Co	2424 East 223rd Street	HIST UST, SWEEPS UST, SWEEPS UST, CA FID UST	0.220	ENE	No
Environmental Dynamics	22222 Wilmington Avenue	Ind. Haz Waste	0.220	WNW	No
Tri West Distributors, llc		UST			No
Carson Chevron		RCRA NonGen / NLR			No
Montrose Chemical Corp.	20201 S Normandie Avenue	SEMS, CONSENT, NPL, RCRA-LQG, ROD, US ENG CONTROLS, US INST CONTROL	0.224	WSW	No
Johns Manville Plt	2430 East 223rd	SEMS-ARCHIVE, RCRA-SQG	0.236	ENE	Yes
Carson Ventures, LLC	1933 East 223rd Street	LUST	0.238	W	No
Niklor Chemical Co. Inc.	2060 East 220th Street.	LUST	0.240	NNW	Yes
Texaco	22232 Wilmington	LUST, HIST CORTESE, Cortese, HIST UST	0.245	WNW	No
Tesoro/Shell		RCRA NonGen / NLR			No
Texaco/Equilon		UST			No
Watson Land Co	2116 East 220th Street	HIST CORTESE, LUST	0.247	N	No
Lido Van & Storage		HIST UST, SWEEPS UST, CA FID UST			No
Niklor Chemical Company Inc.	2060 East 220th Street.	HIST UST, ENVIROSTOR, CORRACTS, SEMS-ARCHIVE, RCRA TSDF, HWP, RCRA NonGen / NLR, UST, SWEEPS UST, ENVIROSTOR	0.248	NNW	Yes
CCL Tube Inc.	2250 East 220th Street	RCRA NonGen / NLR, CERS HAZ WASTE	0.248	NNE	No
Timco	2032 East 220th Street	SWEEPS UST, CA FID UST, CERS HAZ WASTE	0.249	NNW	No
Standard Metals		AST			No
Torrance Iron And Metal Co Inc		HIST UST, SWEEPS UST			No
Timco	2020 East 220th Street	HIST CORTESE	0.254	NNW	No
Johns-Manville Carson Plant Site	22401 South Alameda Street	WMUDS/SWAT, SWF/LF	0.274	E	Yes
Dominguez Channel	Not Listed	Notify 65	0.280	W	No



**Table 1**  
**EDR Database Listings**  
Former Stauffer Chemical Company Facility  
2112 East 223rd Street  
Carson, California, 90745

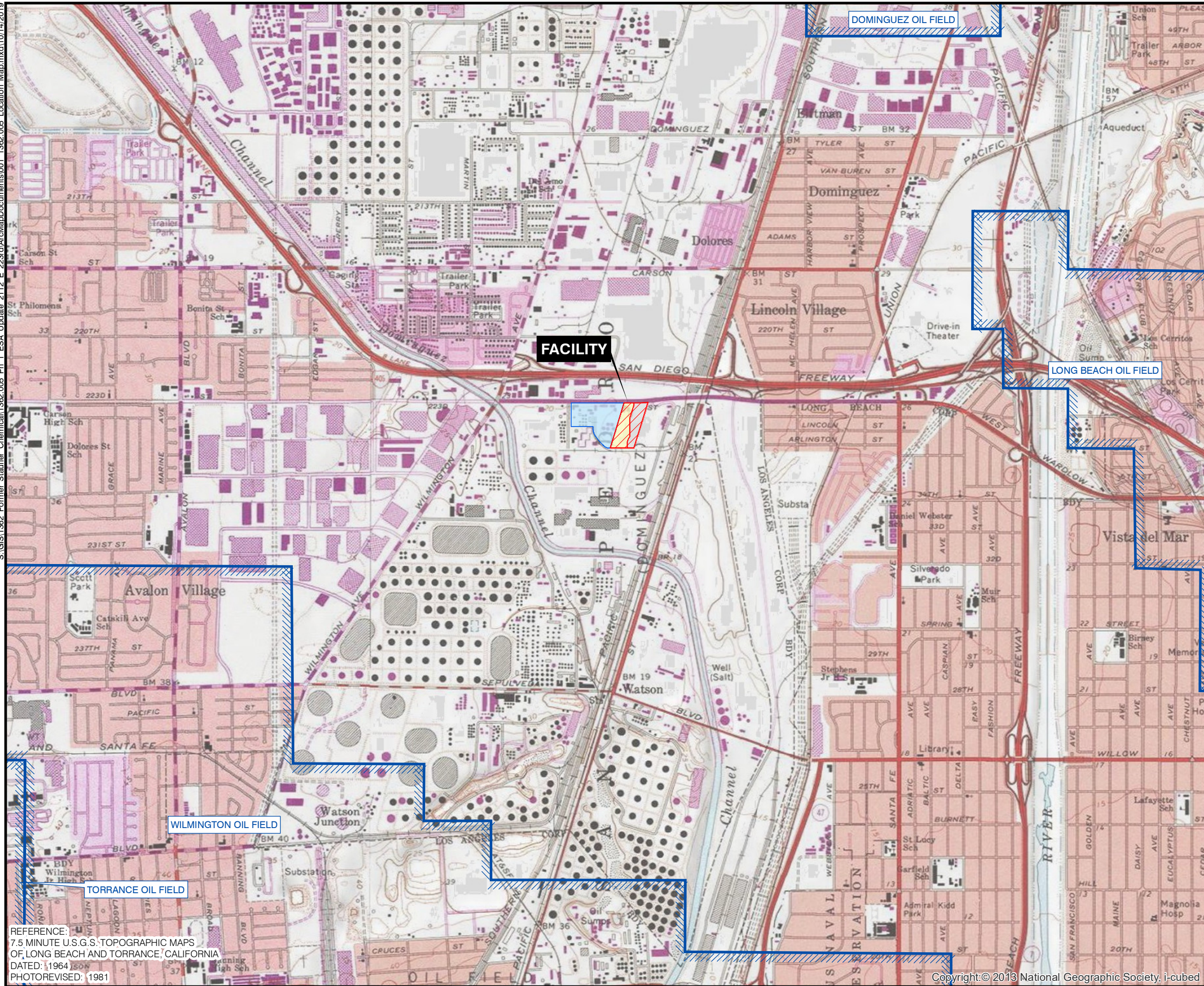
Site Name	Address	Database Acronyms	Distance (miles)	Direction	Discussed in Text
Clean Steel Inc.	2061 East 220th Street	LUST, ENVIROSTOR	0.285	NNW	No
Hardwick Disposal Pits - Watson Land Co,	22400 South Alameda Street	WMUDS/SWAT	0.286	E	No
Matlack Inc	22422 Alameda	HIST CORTESE	0.287	ESE	No
Commercial Carriers Inc	22440 South Alameda Street	LUST, HIST CORTESE	0.288	ESE	No
Dominguez Energy Reyes (Well No. 27)	22010 Wilmington	CPS-SLIC	0.291	NW	No
State Salvage	22500 South Alameda Street	LUST, HIST CORTESE	0.291	ESE	No
Acta South - Parcel Se-351	South Alameda Street	CPS-SLIC	0.294	ENE	No
Wakunaga Of Amer Co Ltd	22010 South Wilmington Avenue	CPS-SLIC	0.295	NW	No
Alameda Street Landfill	22700 South Alameda Street	SWF/LF, LOS ANGELES CO LF METHANE, WMUDS/SWAT	0.297	SE	No
Cassidy & Crisman-Carson		WMUDS/SWAT			No
State Salvage Inc	22500 South Alameda Street	SWRCY, PROC	0.300	ESE	No
Hardwick's Disposal Pit	22620 South Alameda Street	SWF/LF, WMUDS/SWAT	0.302	SE	No
Allco Recycling Inc		SWF/LF	0.302	SE	No
Former Shell #204-1312-0401	22251 South Wilmington Avenue	LUST, HIST CORTESE	0.305	WNW	No
Alameda St San Ldfl	22700 South Alameda Street	SEMS, ENVIROSTOR	0.316	SE	No
Matlack Inc.	22422 South Alameda Boulevard	LUST, ENVIROSTOR	0.325	E	No
Acta Parcel Pch-1552	East Alameda Street	CPS-SLIC	0.329	ENE	No
Acta Parcel Pch-1554	East Alameda Street	CPS-SLIC	0.329	ENE	No
Acta Parcel Pch-1553	East Alameda Street.	CPS-SLIC	0.329	ENE	No
Ventura Transfer Company	2418 East 223rd Street	LUST	0.342	SSE	No
Alpert & Alpert Iron & Metal	21930 South Wilmington Avenue.	ENVIROSTOR	0.359	NNW	No
Arco #5093	21943 Wilmington Avenue	HIST CORTESE, LUST, Cortese	0.363	NW	No
Leonard Property	22351 Wilmington Avenue	CPS-SLIC, LUST, HIST CORTESE	0.403	W	No
Gandm Oil 19		CPS-SLIC			No
Acta South - Parcel Se-352/353	South Alameda Street.	CPS-SLIC	0.459	SSE	No
Pacific 9 Transportation Inc.	21900 South Alameda	LUST	0.473	NE	No
Westrux International	1505 East 223rd Street	CPS-SLIC	0.477	W	No
Texaco	232000 South Alameda	Notify 65	0.539	SSE	No
Commonwelath Aluminum Carson Rolling M	2211 East Carson Street.	ENVIROSTOR	0.555	NNE	No
Tesoro Refining & Marketing Company- Sulfur Recovery Plant	23208 South Alameda Street	ENVIROSTOR	0.566	SSE	No
Sulfur Recovery Plant		HWP	0.566	SSE	No
Tesoro Refining & Marketing Company Llc-	23208 South Alameda Street	CORRACTS	0.566	SSE	No
Air Products & Chemicals Inc	23320 South Alameda Street	ENVIROSTOR	0.693	S	No
Wilmington Cla & Hold Yd	Not Listed	FUDS, ENVIROSTOR, UXO	0.844	SE	No
Del Amo Elementary School	21228 Water Street	ENVIROSTOR	0.845	NNW	No
Chemical Rainbow Tank Lines	21119 Wilmington Avenue	CORRACTS, ENVIROSTOR, HWP	0.905	N	No
Bp Carson Refinery	1801 East Sepulveda Boulevard	ENVIROSTOR	0.973	SSW	No
Tesoro Carson Refinery		HWP, ICE, CORRACTS	0.973	SSW	No

**Notes:**

Gray shading indicates database listing is hydraulically downgradient or crossgradient

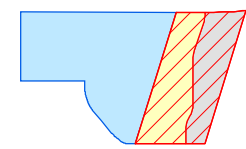
Blue shading indicates database listing does not necessarily indicate a release or contamination

# *Figures*



AREA SHOWN

VICINITY MAP



KEY MAP

- SMC PROPERTY (APN 7315-008-049)  
2112 E. 223rd STREET; APPROXIMATELY 14 ACRES
- FORMER COON TRUST PROPERTY (APN NOT AVAILABLE)  
2254 E. 223rd STREET; APPROXIMATELY 11 ACRES
- CARSON INDUSTRIAL LLC. PROPERTY (APN 7315-007-903)  
2254 E. 223rd STREET; APPROXIMATELY 5 ACRES
- MARATHON PARCEL (APN 7315-007-012)  
2414 E. 223rd STREET; APPROXIMATELY 6 ACRES

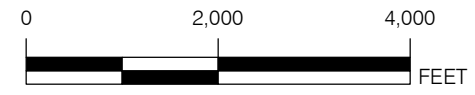


FIGURE 1

**LOCATION MAP**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

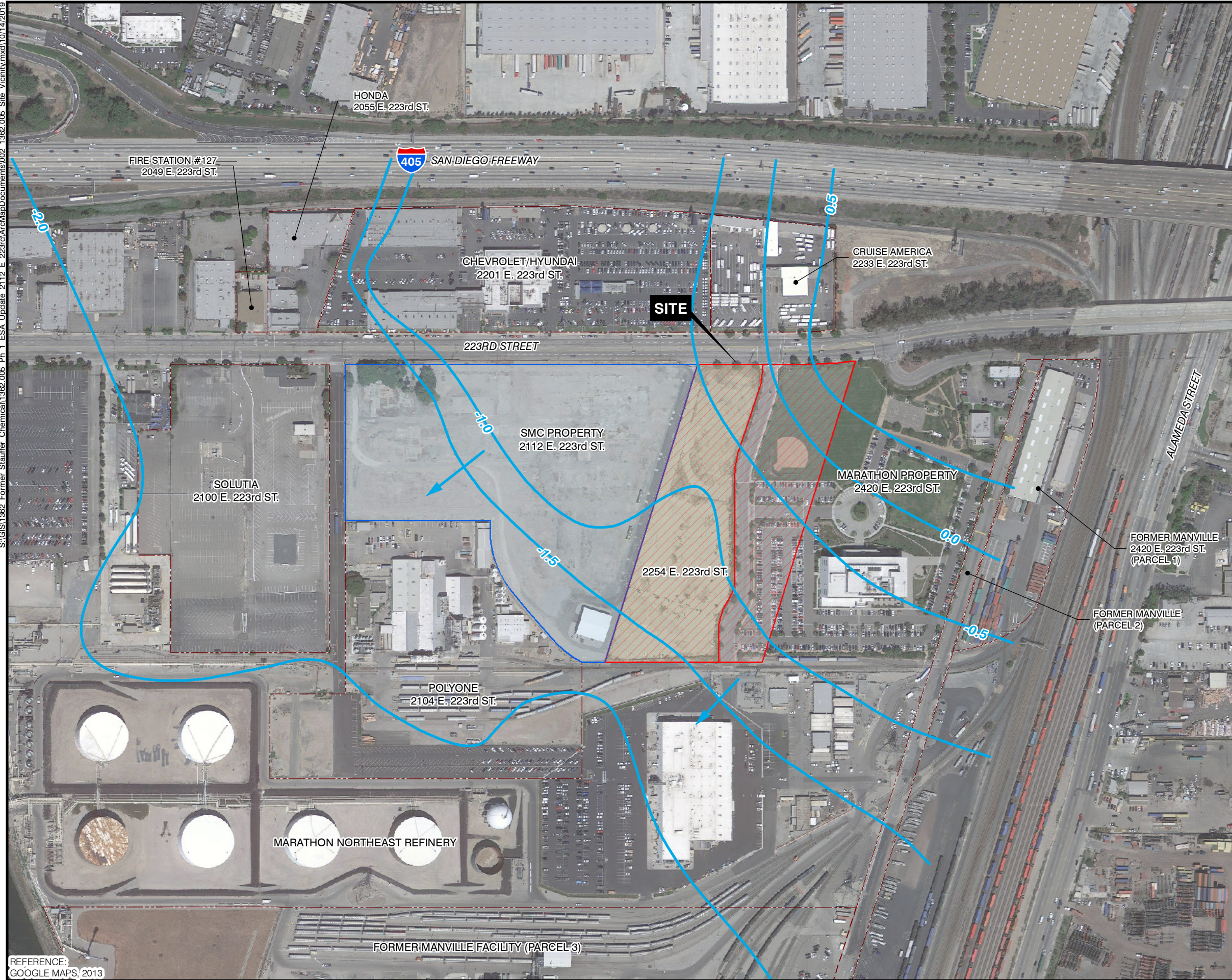
PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO

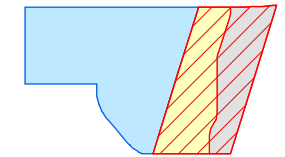


REFERENCE:  
7.5 MINUTE U.S.G.S. TOPOGRAPHIC MAPS  
OF LONG BEACH AND TORRANCE, CALIFORNIA  
DATED: 1964 (SON)  
PHOTOREVISED: 1981

S:\GIS\1362 Former Stauffer Chemical\1362.005 Ph 1 ESA Update 2112 E 223rd\ArcMapDocuments\02\_1362.005 Site Vicinity.mxd\10/14/2019



REFERENCE:  
GOOGLE MAPS, 2013



KEY MAP

**EXPLANATION**

- 0.5 — INTERPRETED GROUNDWATER ELEVATION CONTOUR IN UNIT A APRIL 2008 (FEET ABOVE MEAN SEA LEVEL)
- ← GROUNDWATER FLOW DIRECT ARROW
- SMC PROPERTY
- ▨ FORMER COON TRUST PROPERTY
- CARSON INDUSTRIAL LLC PROPERTY
- ▨ MARATHON PROPERTY

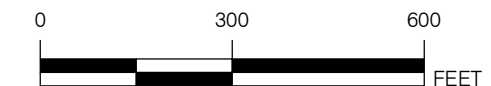


FIGURE 2

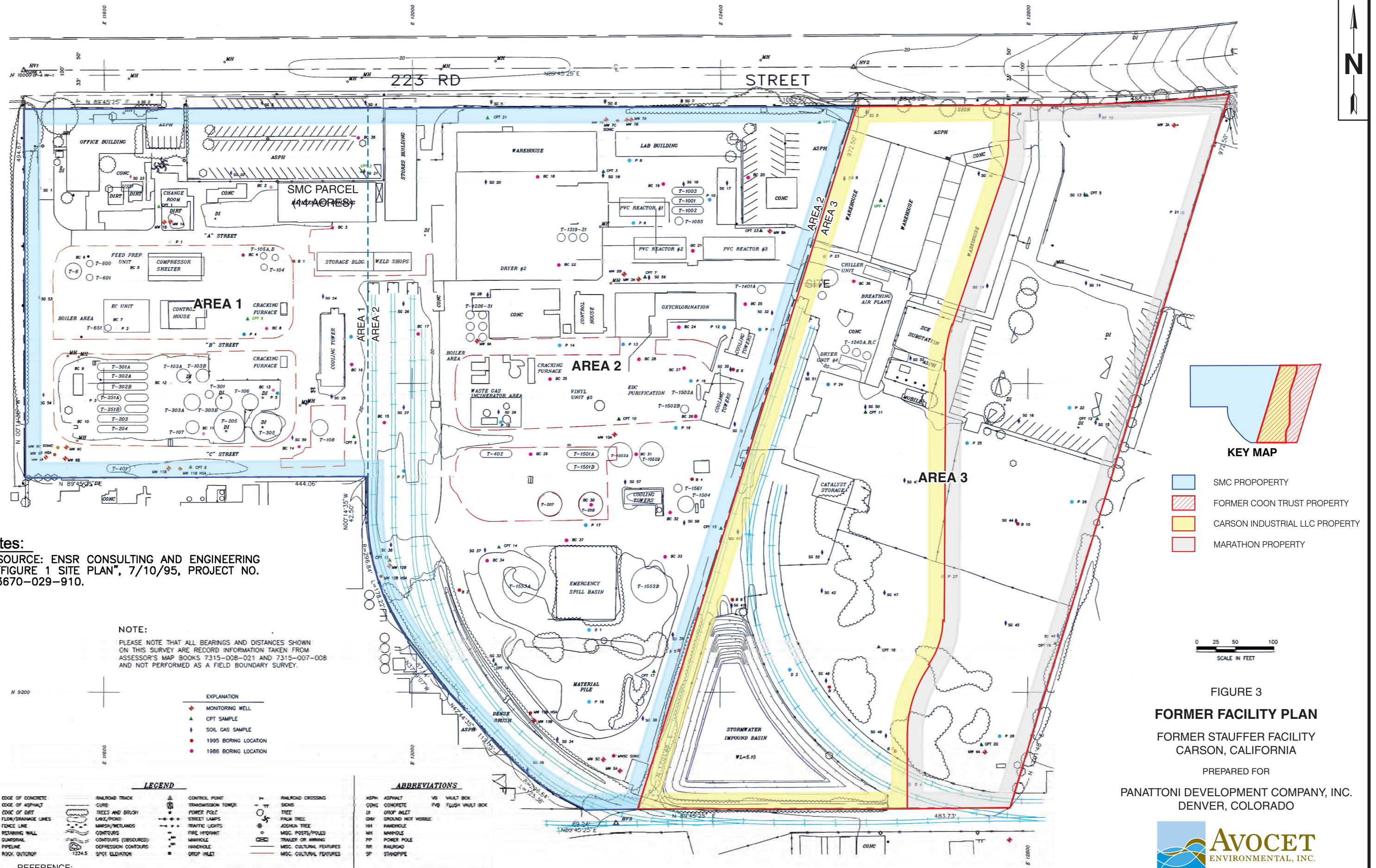
**VICINITY MAP**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO





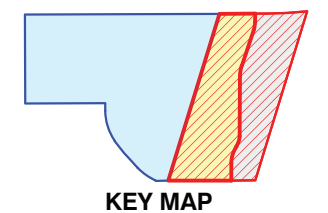
**Notes:**  
 1. SOURCE: ENSR CONSULTING AND ENGINEERING "FIGURE 1 SITE PLAN", 7/10/95, PROJECT NO. 3670-029-910.

**NOTE:**  
 PLEASE NOTE THAT ALL BEARINGS AND DISTANCES SHOWN ON THIS SURVEY ARE RECORD INFORMATION TAKEN FROM ASSESSOR'S MAP BOOKS 7315-006-021 AND 7315-007-008 AND NOT PERFORMED AS A FIELD BOUNDARY SURVEY.

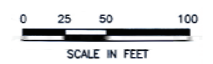
LEGEND	
—	EDGE OF CONCRETE
—	EDGE OF ASPHALT
—	EDGE OF DIRT
—	FLOW/DRAINAGE LINES
—	FENCE LINE
—	REMAINING WALL
—	SHARDING
—	PIPELINE
—	ROCK OUTCROP
—	RAILROAD TRACK
—	CURB
—	TREES AND BRUSH
—	LAKES/PONDS
—	MARSH/METLANDS
—	CONTOURS
—	CONTOURS (OBSOLETE)
—	DEPRESSION CONTOURS
—	SPT ELEVATION
—	CONTROL POINT
—	TRANSMISSION TOWER
—	POWER POLE
—	STREET LAMPS
—	TRAFFIC LIGHTS
—	FIRE HYDRANT
—	MANHOLE
—	DEPRESSION
—	DROP INLET
—	RAILROAD CROSSING
—	SHOES
—	TREE
—	PALM TREE
—	JOSHUA TREE
—	MISC. POSTS/POLES
—	TRAILER OR WAGON
—	MISC. CULTURAL FEATURES
—	MISC. CULTURAL FEATURES
—	ASPHALT
—	CONCRETE
—	DROP INLET
—	GROUND INLET
—	MANHOLE
—	MANHOLE
—	POWER POLE
—	RAILROAD
—	STAINPIPE
—	VAULT BOX
—	FWH VAULT BOX

**ABBREVIATIONS**

ASPH	ASPHALT	VB	VAULT BOX
CONC	CONCRETE	FWH	FWH VAULT BOX
DI	DROP INLET		
DM	GROUND INLET		
HH	MANHOLE		
MH	MANHOLE		
PP	POWER POLE		
RR	RAILROAD		
SP	STAINPIPE		



- KEY MAP**
- SMC PROPROPERTY
  - FORMER COON TRUST PROPERTY
  - CARSON INDUSTRIAL LLC PROPERTY
  - MARATHON PROPERTY



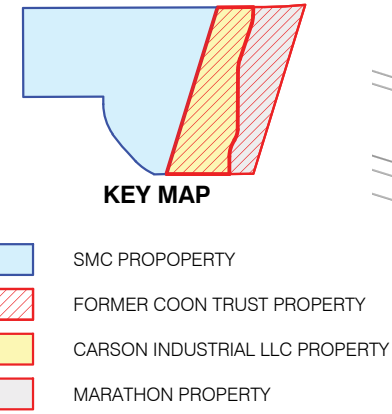
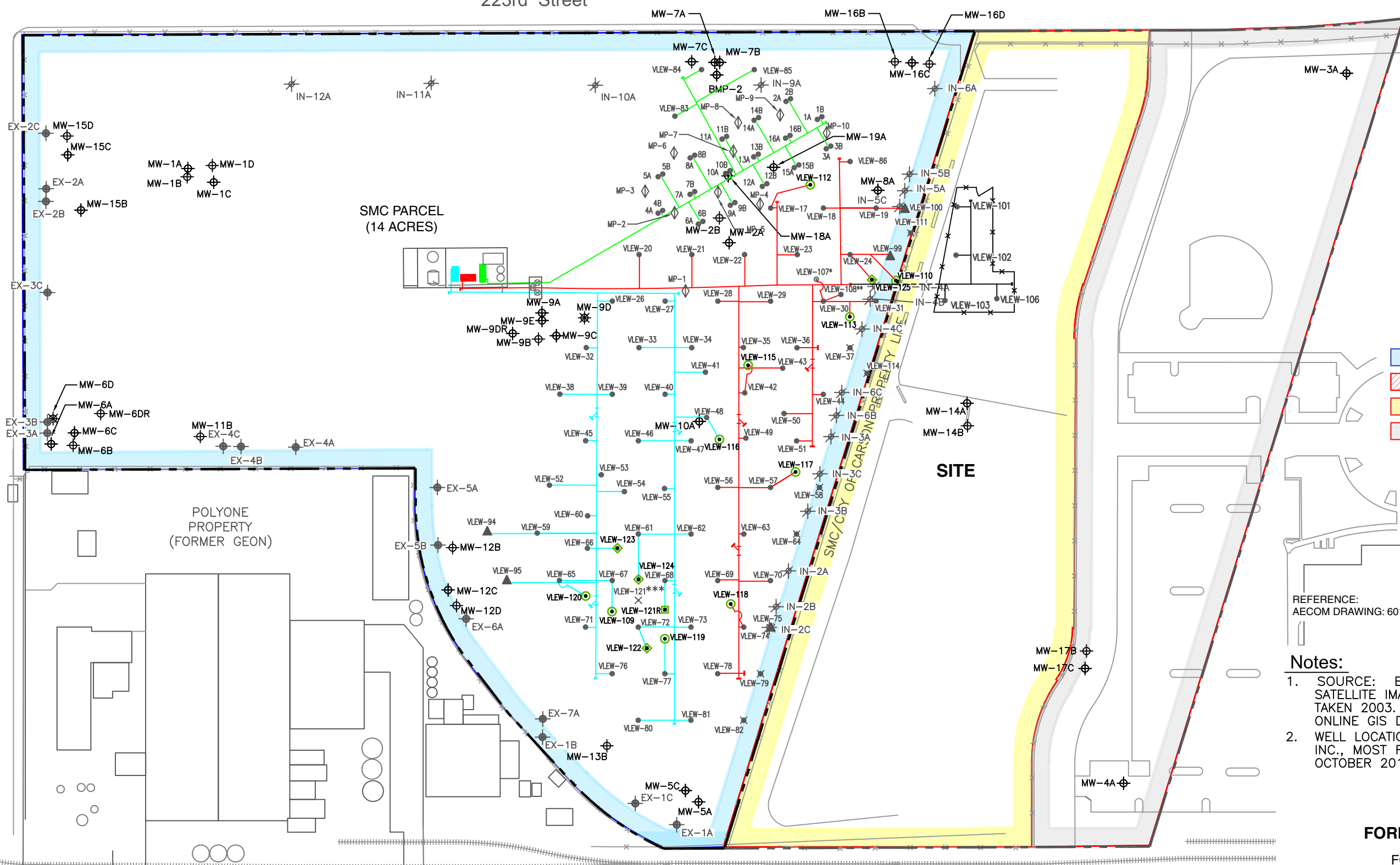
**FIGURE 3**  
**FORMER FACILITY PLAN**  
 FORMER STAUFFER FACILITY  
 CARSON, CALIFORNIA  
 PREPARED FOR  
 PANATTONI DEVELOPMENT COMPANY, INC.  
 DENVER, COLORADO



REFERENCE:  
 EARTH TECHIAECOM DRAWING: FIG3 SMC\_SITEMAP-RASTER.0409.DWG

V:\1362 Former Stauffer Chemical\1362.005 Ph. 1 ESA Update 2112 E 223rd\002\_1362.005 Former VLE Sys Layout.a10/14/2019

223rd Street



REFERENCE:  
AECOM DRAWING: 60134535.FIGURE 1.0111.DWG

- Notes:**
- SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM AIRPHOTO USA, IMAGE TAKEN 2003. LOS ANGELES COUNTY ASSESSORS ONLINE GIS DATABASE, 2004.
  - WELL LOCATIONS SURVEYED BY WM SURVEYS INC., MOST RECENT WELL SURVEY INFO FROM OCTOBER 2010.

FIGURE 4  
**FORMER VLE SYSTEM LAYOUT**  
FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR  
PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



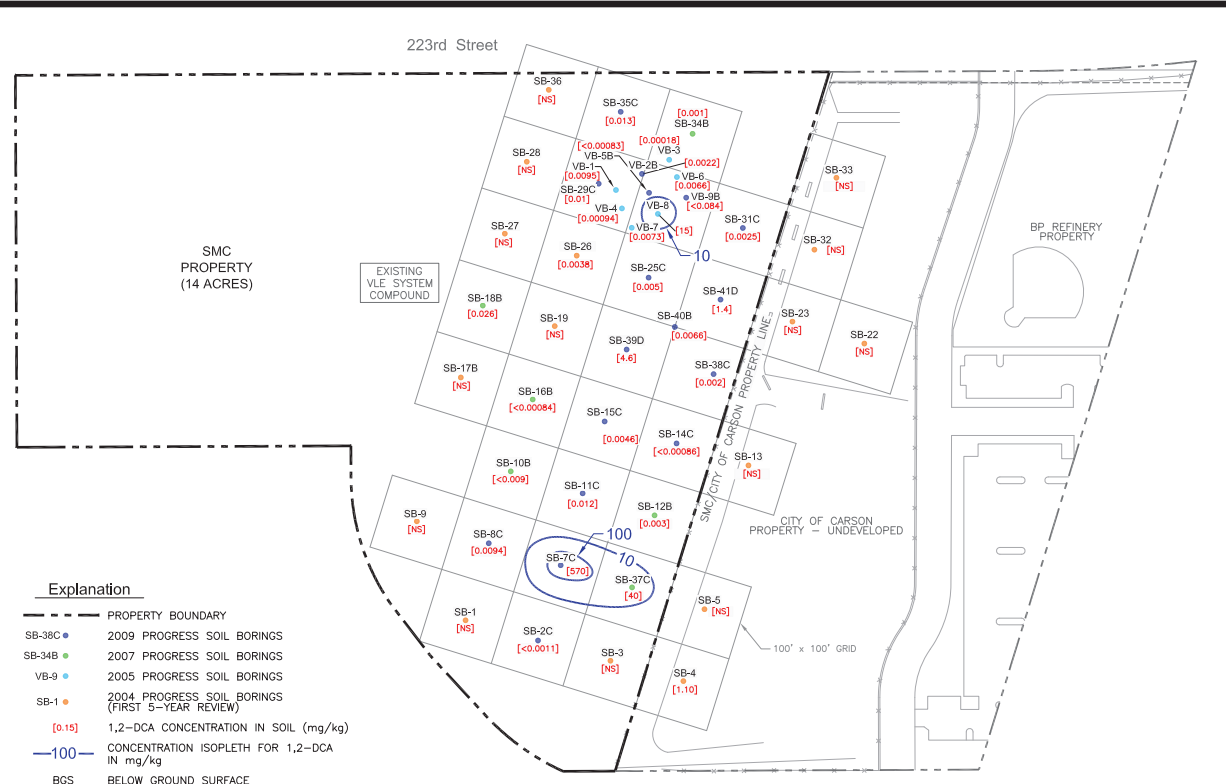
**Explanation**

- |          |   |           |   |         |   |
|----------|---|-----------|---|---------|---|
| ---      | SITE PROPERTY/BOUNDARY LINE             | VLEW-120  | PREVIOUS FRACTURE POINT INSTALLED FEBRUARY 2008<br>CONVERTED TO VLE WELL IN AUGUST 2008 | *       | WELL RE-INSTALLED NOVEMBER 2005                   |
| MW-19A   | GROUNDWATER MONITORING WELL LOCATION    | VLEW-37   | VLE WELL LOCATION ABANDONED JUNE 2010   | **      | WELL INSTALLED AUGUST 2007                        |
| MW-6D    | GROUNDWATER MONITORING WELL (ABANDONED) | VLEW-121R | VLE WELL LOCATION INSTALLED JANUARY 2010  | ***     | VLE WELL ABANDONED JANUARY 2010                   |
| 2A       | SHALLOW VLE WELL LOCATION               | VLEW-125  | VLE WELL LOCATION INSTALLED SEPTEMBER 2010  | VLEW-75 | STEP-OUT VLE WELL LOCATION<br>ABANDONED JUNE 2010 |
| 2B       | DEEP VLE WELL LOCATION                  | EX-1A     | GROUNDWATER EXTRACTION WELL LOCATION  | ---     | ZONE 1 EXTRACTION PIPING                          |
| VLEW-106 | VLE WELL LOCATION                       | IN-1A     | GROUNDWATER INJECTION WELL LOCATION   | ---     | ZONE 2 EXTRACTION PIPING                          |
| VLEW-100 | STEP-OUT VLE WELL LOCATION              |           |   | ---     | ZONE 3 EXTRACTION PIPING                          |



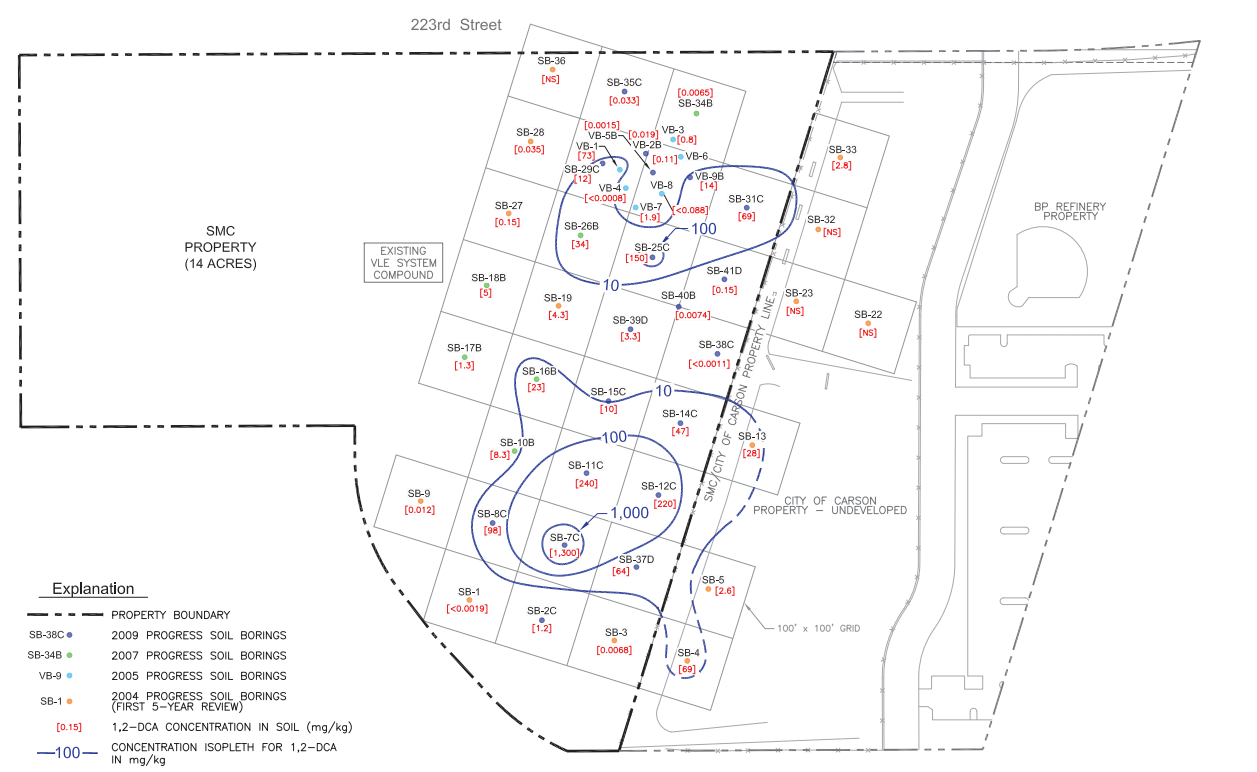
**1,2-DCA IN SOIL  
0-15 FEET BGS**

- Explanation**
- PROPERTY BOUNDARY
  - SB-38C • 2009 PROGRESS SOIL BORINGS
  - SB-34B • 2007 PROGRESS SOIL BORINGS
  - VB-9 • 2005 PROGRESS SOIL BORINGS
  - SB-1 • 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
  - [<0.0014] 1,2-DCA CONCENTRATION IN SOIL (mg/kg)



**1,2-DCA IN SOIL  
20 FEET BGS**

- Explanation**
- PROPERTY BOUNDARY
  - SB-38C • 2009 PROGRESS SOIL BORINGS
  - SB-34B • 2007 PROGRESS SOIL BORINGS
  - VB-9 • 2005 PROGRESS SOIL BORINGS
  - SB-1 • 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
  - [0.15] 1,2-DCA CONCENTRATION IN SOIL (mg/kg)
  - 100— CONCENTRATION ISOPLETH FOR 1,2-DCA IN mg/kg
  - BGS BELOW GROUND SURFACE
  - NS NOT SAMPLED



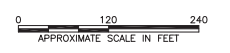
**1,2-DCA IN SOIL  
25-30 FEET BGS**

- Explanation**
- PROPERTY BOUNDARY
  - SB-38C • 2009 PROGRESS SOIL BORINGS
  - SB-34B • 2007 PROGRESS SOIL BORINGS
  - VB-9 • 2005 PROGRESS SOIL BORINGS
  - SB-1 • 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
  - [0.15] 1,2-DCA CONCENTRATION IN SOIL (mg/kg)
  - 100— CONCENTRATION ISOPLETH FOR 1,2-DCA IN mg/kg
  - BGS BELOW GROUND SURFACE
  - NS NOT SAMPLED



**1,2-DCA IN SOIL  
35 FEET BGS**

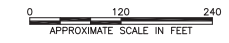
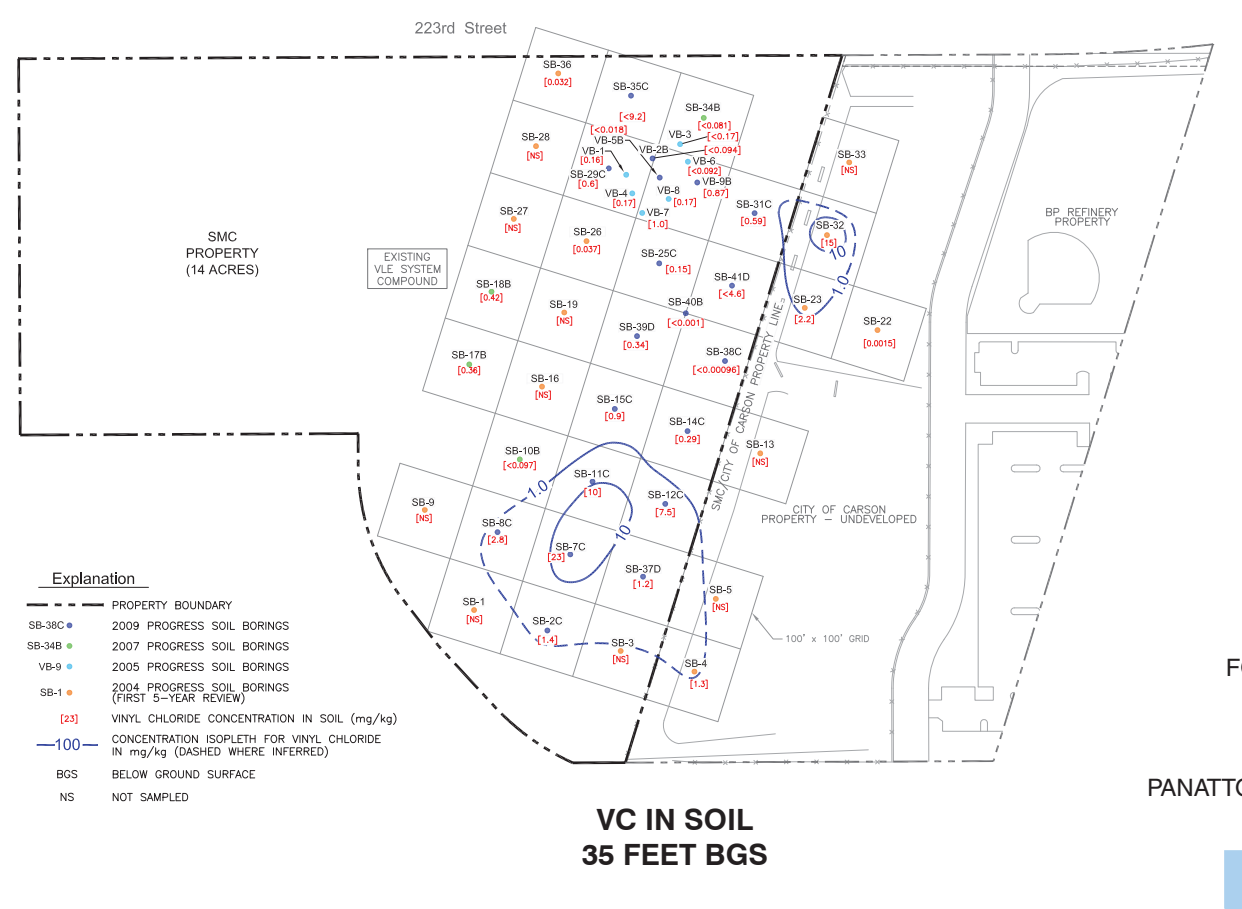
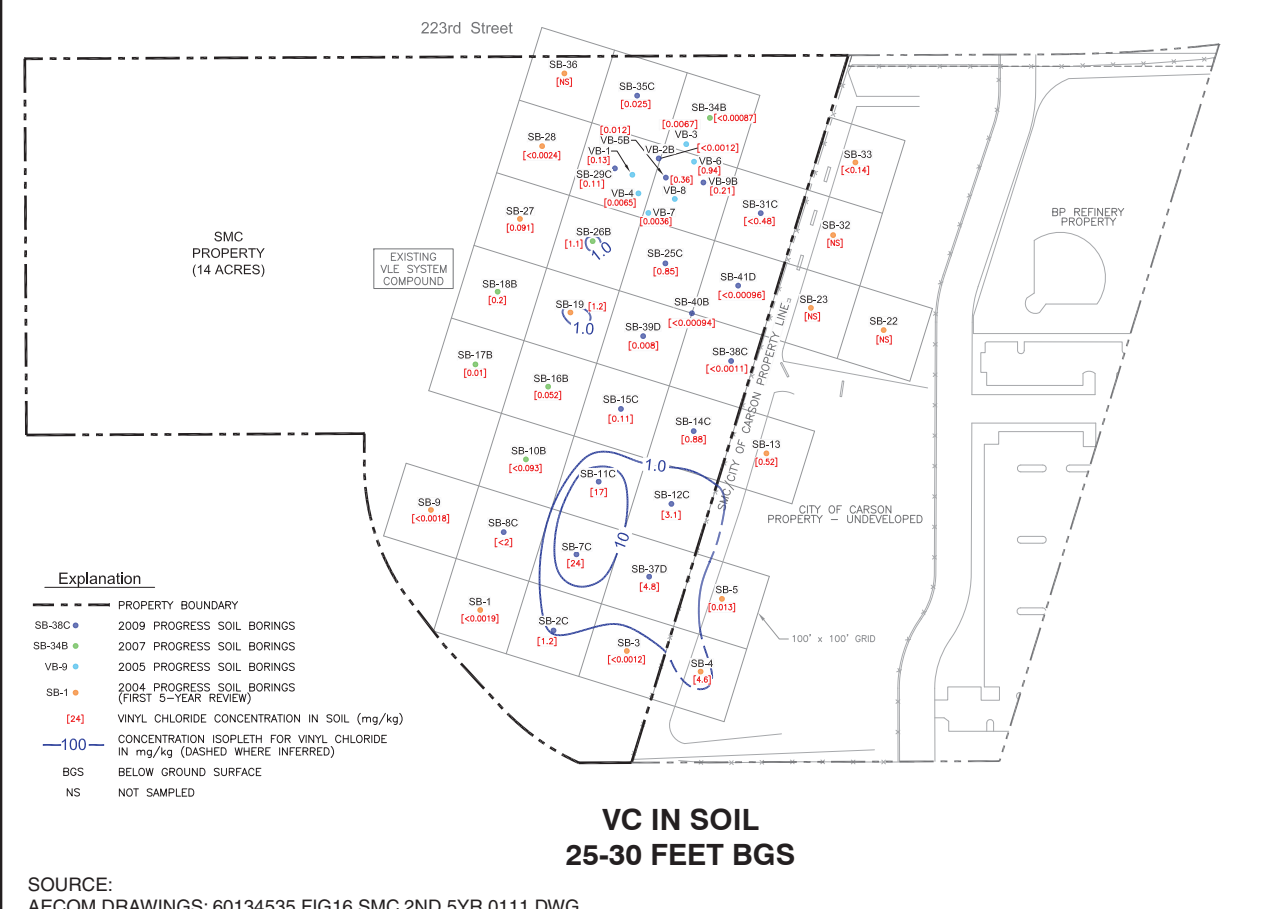
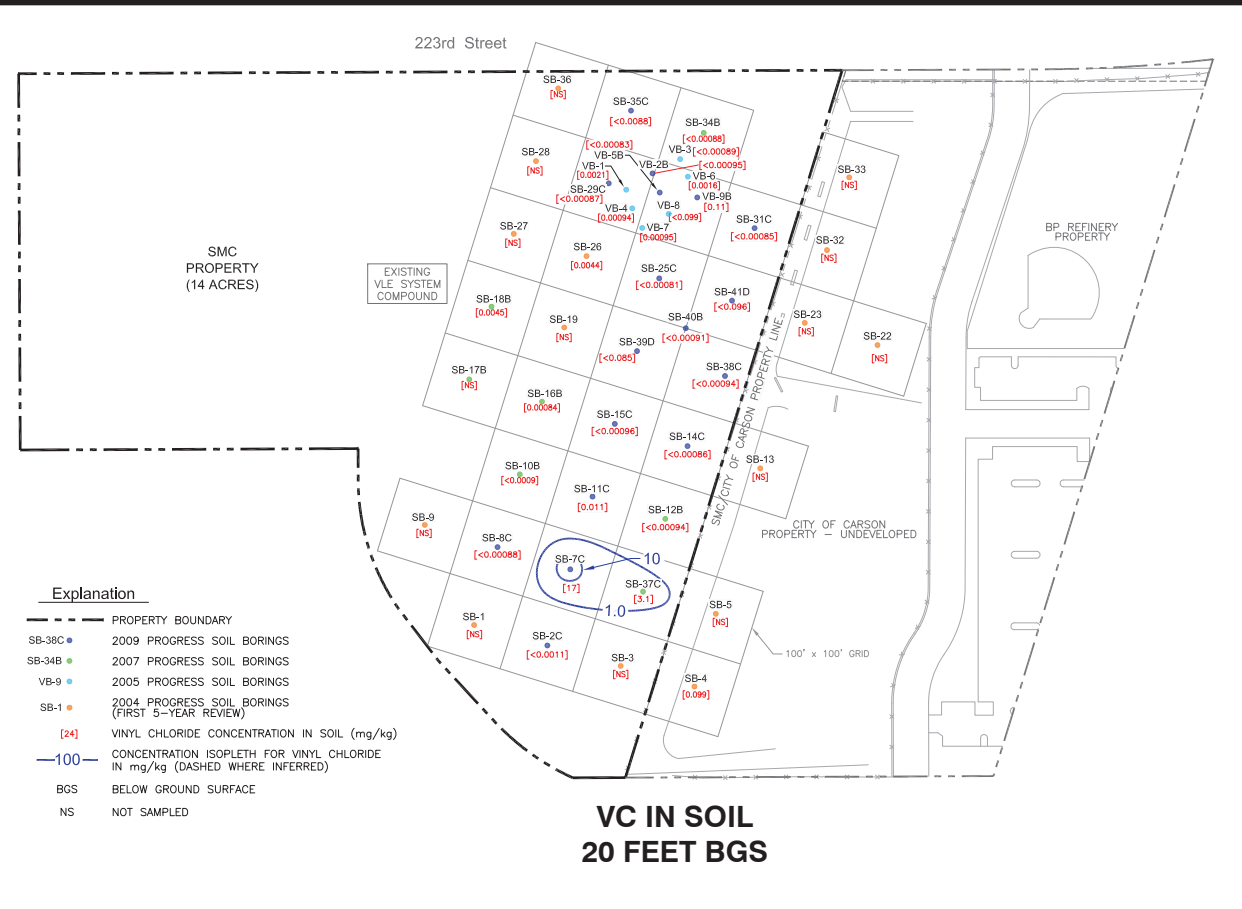
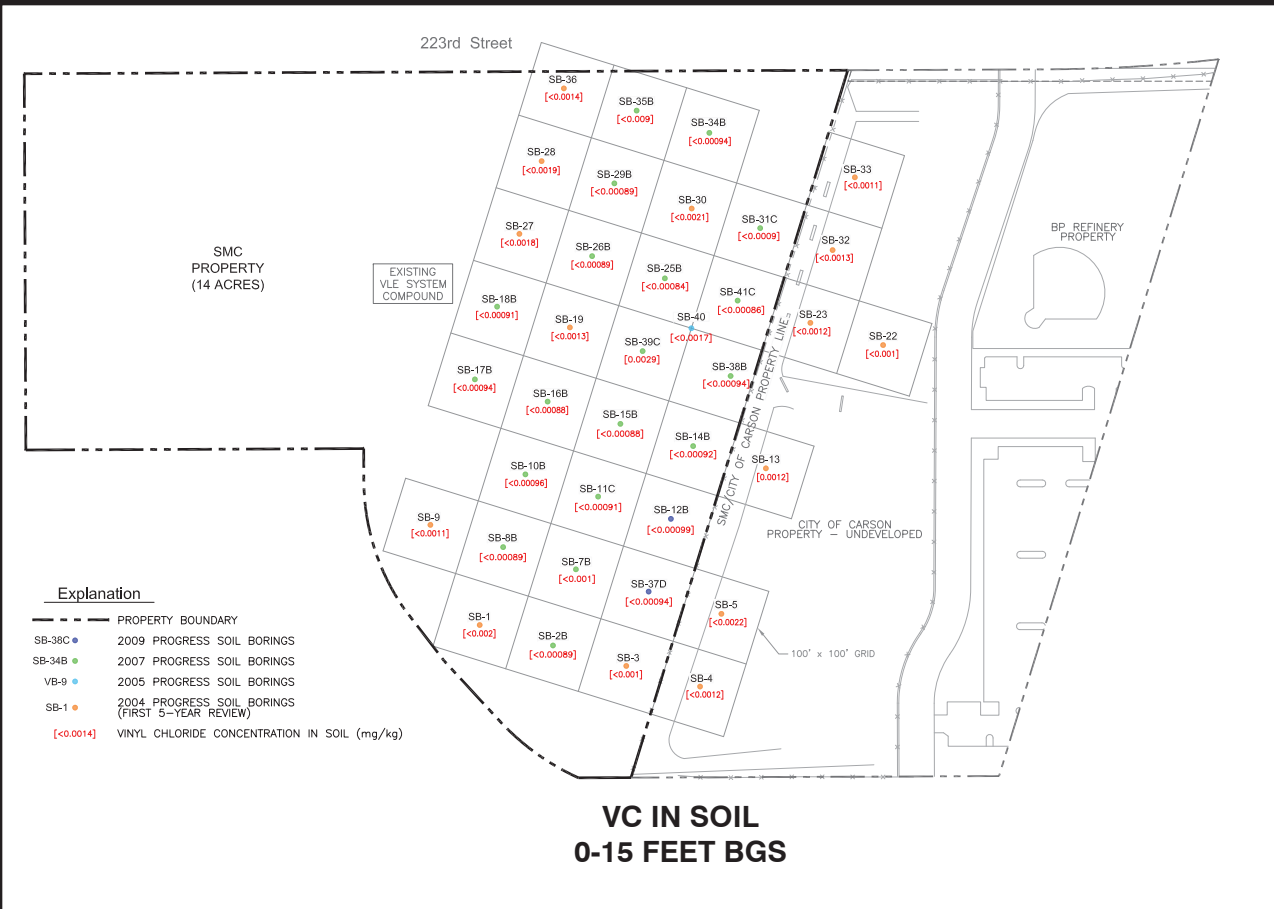
- Explanation**
- PROPERTY BOUNDARY
  - SB-38C • 2009 PROGRESS SOIL BORINGS
  - SB-34B • 2007 PROGRESS SOIL BORINGS
  - VB-9 • 2005 PROGRESS SOIL BORINGS
  - SB-1 • 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
  - [0.15] 1,2-DCA CONCENTRATION IN SOIL (mg/kg)
  - 100— CONCENTRATION ISOPLETH FOR 1,2-DCA IN mg/kg
  - BGS BELOW GROUND SURFACE
  - NS NOT SAMPLED



**FIGURE 5  
RESIDUAL 1,2-DCA IN SOIL  
FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA**  
PREPARED FOR  
PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO

SOURCE:  
AECOM DRAWINGS; 60134535.FIG12 SMC.2ND 5YR.0111.DWG,  
60134535.FIG13 SMC.2ND 5YR.0111.DWG,  
60134535.FIG14 SMC.2ND 5YR.0111.DWG, AND  
60134535.FIG15 SMC.2ND 5YR.0111.DWG





**FIGURE 6**  
**RESIDUAL VC IN SOIL**  
**FORMER STAUFFER FACILITY**  
**CARSON, CALIFORNIA**  
PREPARED FOR  
PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO

SOURCE:  
AECOM DRAWINGS; 60134535.FIG16 SMC.2ND 5YR.0111.DWG,  
60134535.FIG17 SMC.2ND 5YR.0111.DWG,  
60134535.FIG18 SMC.2ND 5YR.0111.DWG, AND  
60134535.FIG19 SMC.2ND 5YR.0111.DWG





223rd Street

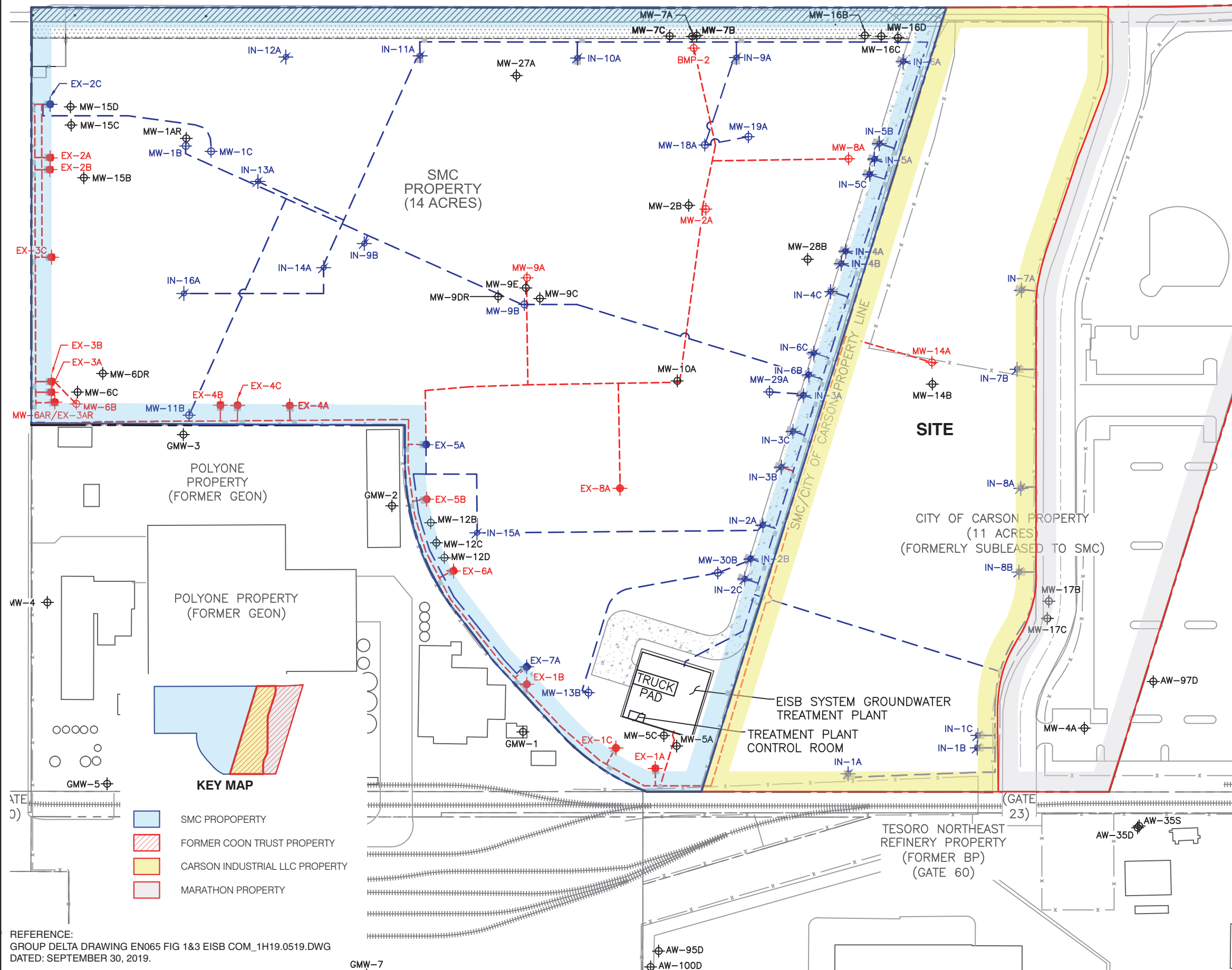
### Explanation

- SITE PROPERTY/BOUNDARY LINE
- - - EASEMENT/RIGHT-OF-WAY
- MW-28B ⊕ MONITORING WELL LOCATIONS
- EX-8A ⊕ EXTRACTION WELL LOCATIONS
- IN-16A ⊕ INJECTION WELL LOCATIONS
- APPROXIMATE WELL VAULT LOCATION
- APPROXIMATE PULL BOX LOCATION
- FENCE LINE
- - - EXTRACTION PIPING AND CONDUIT
- - - INJECTION PIPING AND CONDUIT
- ▨ PROPOSED 223RD STREET EXPANSION
- ▨ PLANNED LANDSCAPING AREA
- ▨ PAVED ACCESS ROAD
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- SMC STAUFFER MANAGEMENT COMPANY LLC



### Notes:

1. BASEMAP LINWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



- SMC PROPROPERTY
- ▨ FORMER COON TRUST PROPERTY
- ▨ CARSON INDUSTRIAL LLC PROPERTY
- ▨ MARATHON PROPERTY

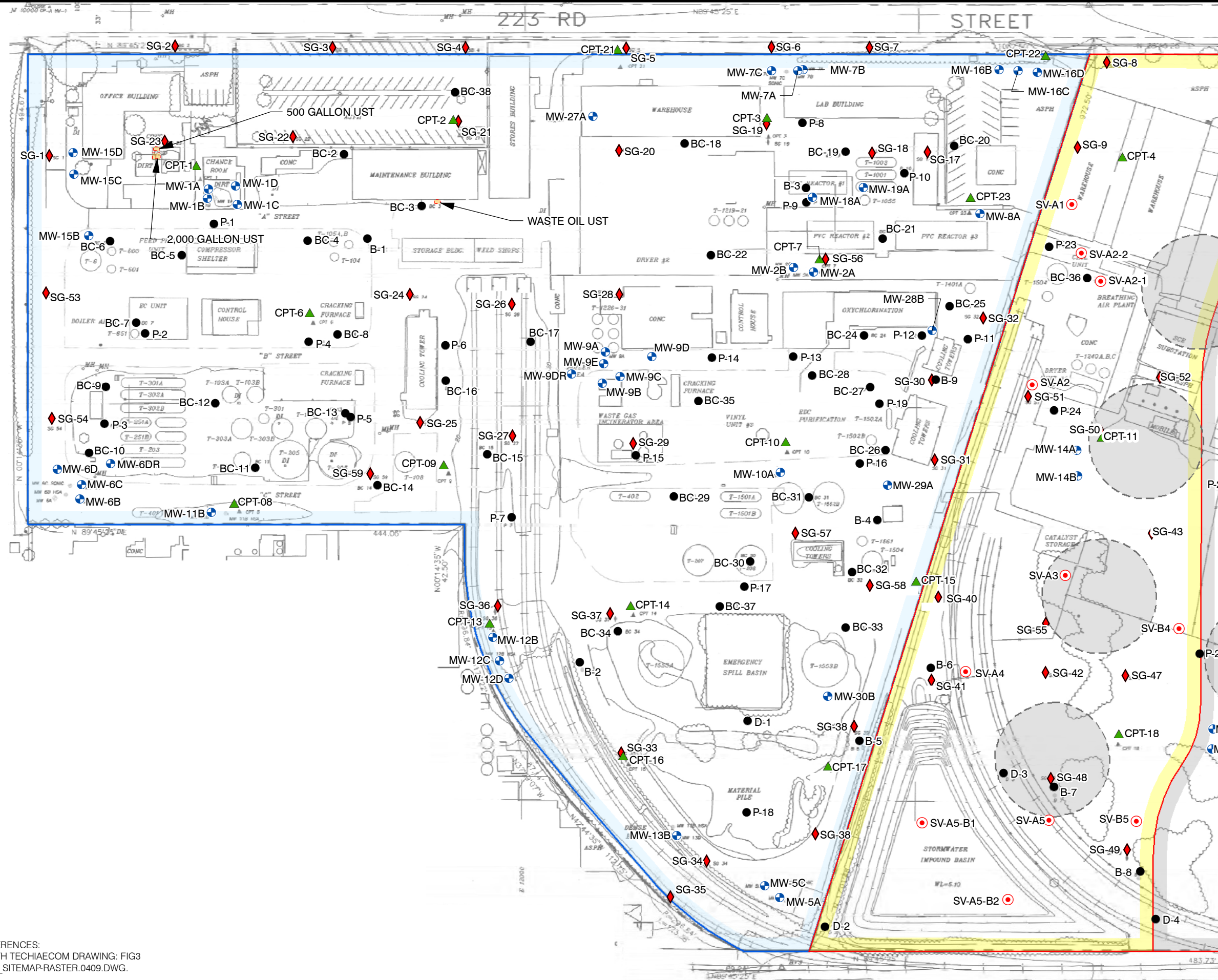
REFERENCE:  
GROUP DELTA DRAWING EN065 FIG 1&3 EISB COM\_1H19.0519.DWG  
DATED: SEPTEMBER 30, 2019.

FIGURE 7  
**EISB SYSTEM LAYOUT**  
FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA  
PREPARED FOR  
PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



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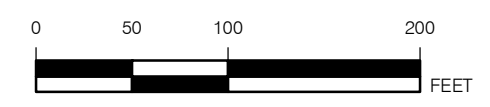


**EXPLANATION**

- MONITORING WELL
- CPT SAMPLE
- SOIL BORING
- SOIL GAS SAMPLE
- WATERSTONE SOIL VAPOR SAMPLE
- APPROXIMATE LOCATION OF UST
- FORMER ABOVEGROUND STORAGE TANK (APPROXIMATE)

**KEY MAP**

- SMC PROPERTY
- FORMER COON TRUST PROPERTY
- CARSON INDUSTRIAL LLC PROPERTY
- MARATHON PROPERTY



**FIGURE 8**  
**SITE FEATURES**  
 FORMER STAUFFER FACILITY  
 CARSON, CALIFORNIA  
 PREPARED FOR  
 PANATTONI DEVELOPMENT COMPANY, INC.  
 DENVER, COLORADO



REFERENCES:  
 EARTH TECH/ACOM DRAWING: FIG3  
 SMC\_SITEMAP-RASTER.0409.DWG.

# *Appendix A*

*Consent Agreement and Imminent and  
Substantial Endangerment Order,  
June 27, 1994*

6/27/94

STATE OF CALIFORNIA  
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY  
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

DEPARTMENT OF TOXIC  
SUBSTANCES CONTROL  
"OFFICIAL FILE COPY"

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In the Matter of:

Docket No. HSA 93/94-005

Stauffer Chemical Co.  
2112 E. 223rd Street  
Carson, California

CONSENT AGREEMENT AND  
IMMINENT AND SUBSTANTIAL  
ENDANGERMENT ORDER

Responsible Parties:

Stauffer Management Co.  
1800 Concord Pike  
Wilmington, Delaware 19897

Rhone-Poulenc Inc.  
CN 5266  
Princeton, New Jersey 08543

Health and Safety Code,  
Sections 58009, 59010  
25355.5(a)(1)(B),  
25355.5(a)(1)(C),  
25355.5(b)(2),  
25355.5(b)(3), and  
25358.3(a)(1).

I. INTRODUCTION

1.1 Parties. The Department of Toxic Substances Control ("Department") enters into this Consent Agreement pursuant to California Health and Safety Code ("H & SC") Section 25355.5(a)(1)(C), upon the terms and conditions as set forth below with Stauffer Management Company ("SMC") and Rhone Poulenc Inc. ("RPI"). SMC and RPI will hereinafter be collectively referred to as "Settling Parties". SMC is a Delaware Corporation, headquartered in Delaware, doing business in California. SMC is a wholly-owned subsidiary of Zeneca Holdings. RPI is a New York Corporation, headquartered in New Jersey, doing business in California.

1.2 Site. The Site which is the subject of this



1 vinyl chloride, and PVC resin. The primary raw materials used in  
2 the production process were ethylene, chlorine, vinyl acetate, and  
3 hydrogen chloride. Stauffer Chemical Company took control over  
4 operation of the facility at the Site in 1976. Manufacturing  
5 operations were discontinued in 1982. Demolition of the productio  
6 facilities was completed in 1985. SMC acquired the Site in  
7 connection with the divestiture of Stauffer Chemical Company in  
8 1987. Stauffer Chemical Company was merged into a subsidiary of  
9 Rhone Poulenc Inc., which subsequently changed its name to Rhone  
10 Poulenc Basic Chemicals Co. (RPBCC). RPBCC has since merged into  
11 RPI, which is the successor by merger to Stauffer Chemical Company  
12 SMC became a subsidiary of Zeneca Holdings in 1992. There are  
13 currently no manufacturing activities at the Site.

14           2.2 Previous Investigation Activities.

15           2.2.1       In 1982, Site environmental investigations bega  
16 with a preliminary evaluation after manufacturing activities had  
17 ceased. This evaluation included twenty-eight shallow soil borings  
18 (5 to 10 foot depth), four soil borings to 40 foot depth and  
19 laboratory analyses of soil samples. Soil samples were analyzed  
20 for compounds associated with the former manufacturing process  
21 (site-associated compounds); ethyl chloride, vinyl chloride,  
22 ethylene dichloride, vinyl acetate and hydrochloric acid. Results  
23 indicated the presence of ethylene dichloride (EDC) also known as  
24 1,2-dichloroethane (1,2-DCA) and other hazardous substances in the  
25 shallow subsurface soils (5-10 feet.) These soil results are  
26 contained in a report entitled "Carson Plant Preliminary Site  
27 //

1 Assessment for Closure Report", September, 1987, prepared by Brown  
2 and Caldwell, Pasadena, California (hereinafter referred to as "the  
3 1987 Brown and Caldwell Report").

4           2.2.2     In 1986, SMC initiated a second Site assessment  
5 in connection with the closure of its facility as a condition of  
6 receiving a demolition permit from the City of Carson. This second  
7 Site assessment field work was conducted under the supervision of  
8 the California Regional Water Quality Control Board, Los Angeles  
9 Region, and the Department of Health Services, Toxic Substances  
10 Control Program. The Department of Health Services was the  
11 predecessor agency to the Department. This investigation included  
12 soil sampling, installation of six shallow groundwater monitoring  
13 wells, groundwater sampling and laboratory analysis. Analytical  
14 results indicated the presence of EDC and other Site-associated  
15 compounds (described in Section 2.2.1) in the soils and groundwater  
16 underlying prior manufacturing process areas. These results, like  
17 the 1982 sampling results, are discussed in the 1987 Brown and  
18 Caldwell Report.

19           2.3     Nature and Extent of Contamination.

20           2.3.1   Soil.   The 1982 and 1986 soil investigations  
21 indicate that the soil was contaminated with, 1,2-DCA, vinyl  
22 chloride, and trichloroethylene, among other hazardous substances  
23 Soil analyses showed concentrations of 1,2-DCA as high as 64,000  
24 ppm, concentrations of vinyl chloride as high as 170 ppm, and  
25 concentrations of trichloroethylene as high as 930 ppm.

26           2.3.2   Groundwater.   The 1986 groundwater investigator

27     //

1 also explored the shallow water-bearing interval and revealed that  
2 groundwater is contaminated with Site-associated compounds. The  
3 groundwater analyses showed concentrations of 1,2-DCA as high as  
4 620 ppm and vinyl chloride as high as 42 ppm.

5           2.4 Health Effects. California Health and Safety Code,  
6 Chapter 6.6, Safe Drinking Water and Toxic Enforcement Act of 1986,  
7 (hereinafter referred as Proposition 65), Section 25249.8 requires  
8 the Governor to publish a list of chemicals known to the State to  
9 cause cancer or reproductive toxicity. Chloroform, 1,1-  
10 dichloroethane, 1,2-dichloroethane, tetrachloroethylene,  
11 trichloroethylene, vinyl chloride have been listed as carcinogens  
12 or teratogens.

13           Title 40, Code of Federal Regulations, Section  
14 300.430(e)(2)(i)(A)(2) establishes acceptable exposure  
15 concentration levels for suspected carcinogens that present an  
16 excess upper bound lifetime cancer risk to an individual of between  
17 one cancer in 10,000 and one cancer in one million. California's  
18 Proposition 65 established a "no significant risk" level as less  
19 than one excess case of cancer per 100,000 individuals exposed over  
20 a 70-year lifetime. A summary of the health effects for each  
21 compound follows:

22           Chloroform. Chloroform is a volatile chemical that is  
23 readily absorbed by ingestion, inhalation or dermal contact.  
24 Damage to kidney and liver, dizziness, and coma have been reported  
25 in humans after acute exposure to high doses by ingestion or  
26 inhalation. Prolonged exposure to low levels of chloroform has

27 //



1 been associated with liver and kidney damage. Chloroform is  
2 carcinogenic in animals by the oral exposure route and is  
3 classified as a probable human carcinogen by the United States  
4 Environmental Protection Agency ("U.S. EPA").

5         1,1-Dichloroethane. Acute exposure to 1,1-dichloroethane  
6 (1,1-DCA) has been associated with drowsiness, cardiac stimulation  
7 and arrhythmias. Based upon limited evidence in laboratory animal  
8 studies, the U.S. EPA considers 1,1-DCA to be a possible human  
9 carcinogen.

10         1,2-Dichloroethane. Acute exposure of humans to 1,2-DCA  
11 can result in nervous system disorders, and liver and kidney  
12 disease. Chronic exposure has been associated with kidney disease  
13 in laboratory animals. Based on lung tumors in laboratory animals  
14 exposed to 1,2-DCA dermally, the U.S. EPA has classified it as a  
15 probable human carcinogen (Group B).

16         1,1-Dichloroethylene. Inhalation exposure to  
17 1,1-Dichloroethylene (1,1-DCE) has been associated with irritation  
18 of the upper respiratory tract. 1,1-DCE can also cause toxicity to  
19 the central nervous system, liver and kidneys. 1,1-DCE has been  
20 shown to be mutagenic in bacterial test systems.

21         1,2-Dichloroethylene. 1,2-dichloroethylene (1,2-DCE) can  
22 exist in two isomeric forms, cis-1,2-DCE and trans-1,2-DCE. Both  
23 forms are volatile. Ocular irritation and central nervous system  
24 toxic effects have been reported in humans following acute exposure  
25 to trans-1,2-DCE. Toxicity in the liver, heart, and lungs have  
26 been reported in rats exposed to trans-1,2-DCE in laboratory

27 //

1 investigations. Biochemical effects in the liver have been  
2 observed in rats and mice exposed to cis- and trans-1,2-DCE in  
3 laboratory studies. Reduced red blood cell count and hematocrit  
4 were observed in rats exposed to cis-1,2-DCE. The U.S. EPA has not  
5 classified trans-1,2-DCE as to its carcinogenic potential. The  
6 U.S. EPA has determined that cis-1,2-DCE is not classifiable (Group  
7 D) as to its carcinogenic potential.

8           Tetrachloroethylene. Acute exposure to  
9 tetrachloroethylene (PCE) in air is associated with intense  
10 irritation of the upper respiratory tract and eyes. Central  
11 nervous systems effects include loss of motor coordination and  
12 anesthetic-like actions. Damage to the liver and kidney has been  
13 reported following occupational exposure to PCE in humans and  
14 inhalation and oral exposure in animals. The U.S. EPA has  
15 classified PCE as a probable human carcinogen (Group B).

16           1,1,1-Trichloroethane. Acute exposure of humans to 1,1  
17 trichloroethane (1,1,1-TCA) has been linked to fatal occurrences  
18 central nervous system depression and cardiac arrhythmias. Eye a  
19 dermal irritation have also been reported following acute exposur  
20 Liver toxicity has been reported following exposure of humans and  
21 animals to 1,1,1-TCA. The U.S. EPA has categorized 1,1,1-TCA as  
22 not classifiable as to carcinogenicity (Group D).

23           1,1,2-Trichloroethane. Dermal contact with  
24 1,1,2-trichloroethane in humans causes temporary stinging and  
25 burning pain. Inhalation exposure has adverse effects upon the  
26 central nervous system and liver in animals. Based upon a study

27 //

1 mice, U.S. EPA classified 1,1,2-TCA as a possible human carcinogen  
2 (Group C).

3           Trichloroethylene. Acute exposure to trichloroethylene  
4 (TCE) at high vapor concentrations has proved fatal to humans.  
5 Lower exposures produce an anesthetic-like effect. Nerve damage  
6 has been reported in some workers following prolonged occupational  
7 exposures. Liver and kidney damage have been observed in  
8 laboratory animals exposed to TCE. The U.S. EPA has classified TCE  
9 as a probable human carcinogen (Group B).

10           Vinyl Chloride. In the work place, inhalation of vinyl  
11 chloride has been shown to cause headaches, dizziness, abdominal  
12 pain, and numbness and tingling of the extremities. Vinyl chlorid  
13 vapor may cause eye irritation. Long-term inhalation of vinyl  
14 chloride is associated with liver damage and cancer (angiosarcoma)  
15 in both occupationally-exposed humans and experimental animals.  
16 Vinyl chloride is classified by U.S. EPA and California  
17 Environmental Protection Agency (CAL/EPA) as a known human  
18 carcinogen (Group A).

19           2.5 Pathways of Exposure.

20           2.5.1 Groundwater. The groundwater pathway is a  
21 potential exposure pathway. If drinking water supplies were  
22 impacted by Site-associated compounds, the potential exposure  
23 pathways would include ingestion of water, dermal contact with  
24 water while showering, or inhalation of chemicals that volatilize  
25 during household use. The deeper aquifers, Silverado and Lynwood  
26 are used as potable water sources. The nearest potable well is

27 //

1 located approximately one mile to the north of the Site. The  
2 extent of groundwater contamination at the Site has not been  
3 determined, nor has the hydraulic communication between the  
4 contaminated zone and the production zone supplying municipal  
5 drinking water wells.

6           2.5.2 Surface Water Pathway. The Dominguez Channel is  
7 approximately 1,000 feet to the west of the Site, and the Los  
8 Angeles River is approximately 4,000 feet to the east of the Site.  
9 There are rain impoundments and plant drainage systems at the Site  
10 to prevent leachate. If these systems were to malfunction, surface  
11 water could potentially flow into the Dominguez Channel and the Los  
12 Angeles River. Under these circumstances, potential exposure  
13 pathways would include dermal absorption and inhalation.

14           2.5.3 Air Pathway. If the soil in those areas of the  
15 Site that are contaminated is disturbed without taking appropriate  
16 precautions, volatile organic compounds may be released to the air.  
17 Volatilization could, however, occur in some circumstances without  
18 disturbing the soil. Furthermore, inhalation of soil particulates  
19 represents an exposure pathway for all hazardous substances in the  
20 soil at the Site.

21           2.5.4 Soil. Significant concentrations of volatile  
22 organic compounds are present in the soils. Direct skin contact  
23 and ingestion of soil are potential exposure pathways.

24           2.6 Population and Potential Exposure. The City of  
25 Carson is zoned for mixed industrial, commercial and residential  
26 use. The area surrounding the Site is zoned commercial and  
27 //

1 industrial. The substances identified in the Site could migrate  
2 the soil, groundwater and air, and could come into contact with  
3 human and environmental receptors. It is possible that significa  
4 exposure to these substances could cause adverse human health and  
5 environmental effects.

### 6 III. CONCLUSIONS OF LAW

7 THE DEPARTMENT HEREBY CONCLUDES, but Settling Parties d  
8 not admit, the following:

9 3.1 Each of the Settling Parties listed in Section 1.1  
10 is a "responsible party" or "liable person", as defined by Health  
11 and Safety Code Sections 25319, 25323.5 and 25385.1(g).

12 3.2 Each of the substances listed in Section 2.4 is a  
13 "hazardous substance", as defined by Health and Safety Code Sectic  
14 25316 and has been found at the Site.

15 3.3 A "release" or threatened release of the hazardous  
16 substances listed in Section 2.4 has occurred at or from the Site,  
17 as defined by Health and Safety Code Section 25320.

18 3.4 The actual and/or threatened release of hazardous  
19 substances at the Site may present an imminent and/or substantial  
20 endangerment to the public health or welfare or to the environment.

21 3.5 The Site is a "facility" within the meaning of  
22 Section 101(9) of the Comprehensive Environmental Response,  
23 Compensation and Liability Act ("CERCLA"), 42 U.S.C Section  
24 9601(9).

25 3.6 The past, present and potential migration of  
26 hazardous substances from the Site constitutes an actual and  
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1 threatened "release" as defined by the Health and Safety Code  
2 Section 25320.

3 3.7 The Settling Parties are "persons" as defined in  
4 Section 101(21) of CERCLA, 42 U.S.C Section 9601(21).

5 3.8 The actual and/or threatened release of hazardous  
6 substances at the Site constitutes a public nuisance as defined in  
7 Civil Code Sections 3479 and 3480.

8 IV. DETERMINATIONS

9 4.1 Based on the foregoing FINDINGS OF FACT and  
10 CONCLUSIONS OF LAW set out above, THE DEPARTMENT HEREBY DETERMINES  
11 but Settling Parties do not admit, that an investigation, removal  
12 and remedial actions are necessary at the Site, because there may  
13 be an imminent and/or substantial endangerment to the public health  
14 or welfare or to the environment.

15 4.2 The actions required by and conducted in compliance  
16 with this Order are necessary to protect the public health and  
17 welfare and the environment; and shall be consistent and in  
18 accordance with Comprehensive Environmental Response, Compensation  
19 and Liability Act of 1980 (CERCLA), the National Contingency Plan  
20 ("NCP") and applicable state laws, including without limitation,  
21 Chapter 6.8 of the Health and Safety Code, the Hazardous Substance  
22 Account Act.

23 V. ORDER

24 Settling Parties hereby agree and based on the foregoing  
25 FINDINGS AND DETERMINATIONS, AND CONCLUSIONS OF LAW, IT IS HEREBY  
26 ORDERED THAT Settling Parties shall conduct the following response

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1 activities as specified herein and in accordance with a schedule  
2 specified by the Department as follows:

3           5.1 ALL WORK PERFORMED UNDER THIS ORDER SHALL BE  
4 CONSISTENT WITH AND BASED ON the Comprehensive Environmental  
5 Response, Compensation and Liability Act (CERCLA) (42 U.S.C 9601 et  
6 seq.), as amended, the National Contingency Plan ("NCP") (40 Code  
7 of Federal Regulations (CFR) Part 300), as amended, the Health and  
8 Safety Code (H & SC) Section 25300 et seq., as amended, other  
9 applicable state laws and regulations, as amended, and other U.S.  
10 EPA and the Department guidance, policies and standards that are  
11 applicable as of the date of approval of the Workplan or the draft  
12 Remedial Action Plan.

13           5.2 The objectives of the Department and Settling  
14 Parties in this Order are: (a) to determine the nature and extent  
15 of any release or threatened release of hazardous substances at or  
16 from the Site or facility; (b) to determine whether any release or  
17 threatened release has resulted in any threat to the public health  
18 welfare, or the environment; (c) to determine and evaluate  
19 alternatives for remedial action (if any) to prevent, mitigate or  
20 otherwise respond to or remedy any release or threatened release  
21 hazardous substances at or from the Site or facility; and (d) to  
22 provide information required to remediate and clean up the Site in  
23 accordance with the requirements of H & SC Section 25356.1.

24           The activities conducted under this Order are subject to  
25 approval by the Department, and the Settling Parties shall provide  
26 all appropriate and necessary information for the remedial

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1 cover, at a minimum, each of the following elements:

2           6.2.1 Project Management Plan. A Project Management Plan  
3 which describes how the project will be managed by the Settling  
4 parties and their contractors, subcontractors and consultants  
5 including an organization chart with the names and titles of key  
6 personnel and a description of their individual responsibilities;

7           6.2.2 Scoping Document. A scoping document which  
8 consists of an evaluation of existing data and identification of  
9 the data needs and investigation tasks for the Remedial  
10 Investigation/Feasibility Study including, at a minimum, the  
11 following information:

12                   (1) Maps and description of known Site  
13 characteristics, including topography, hydrogeology, buildings and  
14 structures, and all other characteristics relevant to an evaluation  
15 of hazardous substance sources, pathways and receptors and  
16 potential impacts on health and the environment;

17                   (2) A description of hazardous substance  
18 characteristics including: a list of all hazardous substances,  
19 materials or wastes which were disposed, discharged, spilled,  
20 treated, stored, transferred, transported, handled or used at the  
21 site and a description of their estimated volumes, concentrations  
22 and characteristics; a description of all manufacturing processes  
23 which are or were related to each hazardous substance, material of  
24 waste or which produced any hazardous waste; and past site dispos-  
25 practices;

26                   (3) A summary and analysis of all existing data

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1 including air, soil, surface water, and groundwater data that has  
2 been previously generated and the Quality Assurance/Quality Control  
3 procedures which were followed;

4 (4) A description of the nature and extent of the  
5 release and/or threatened release, including a summary of actual  
6 and potential on-Site and off-Site health and environmental  
7 effects;

8 (5) A description of any previous response actions.

9 (6) An identification of the general types of  
10 response actions which will be evaluated in the feasibility study;

11 (7) An identification of all data gaps;

12 (8) Recommendations for all additional work needed  
13 to eliminate any data gaps;

14 6.2.3 Sampling Plan. A Sampling Plan which describes the  
15 activities which will be undertaken to develop a complete profile  
16 of on-Site and off-Site air, soil, surface water and groundwater  
17 contamination attributable to operations at the Site including, at  
18 a minimum, the following information:

19 (1) The objectives of the investigation;

20 (2) Identification of all chemical parameters which  
21 will be analyzed or tested;

22 (3) A description of the types of samples which will  
23 be taken;

24 (4) A map showing all locations which will be  
25 sampled;

26 (5) A description of the depth and frequency of

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1 sampling at each location;

2 (6) The engineering specifications for all sampling  
3 installations such as groundwater monitoring wells, soil borings  
4 and piezometers;

5 (7) Identification of all analytical procedures to  
6 be used; and

7 (8) Provisions for obtaining access to and obtaining  
8 samples from adjacent properties, where appropriate;

9 6.2.4 Quality Assurance/Quality Control Plan. A  
10 Quality Assurance/Quality Control Plan (QA/QC) Plan which describes  
11 the procedures for the collection, identification, preservation and  
12 transport of samples, the calibration and maintenance of  
13 instruments, and the processing, verification, storage and  
14 reporting of data, including chain of custody procedures,  
15 identification of qualified person(s) conducting the sampling and  
16 of a laboratory certified or approved by the Department pursuant to  
17 Health and Safety Code Section 25198;

18 6.2.5 Data Management Plan. A Data Management Plan  
19 which describes how the data obtained pursuant to this Order will  
20 be managed and preserved by the Settling Parties;

21 6.2.6 Health and Safety Plan. A Site Health and  
22 Safety Plan which describes the specific personnel, procedures and  
23 equipment and covers all measures including contingency plans which  
24 will be taken during field activities to protect the health and  
25 safety of the workers at the Site, authorized representatives of  
26 the Department, and the general public from exposure to hazardous

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1 wastes, substances or materials;

2 6.2.7 Public Health and Environmental Evaluation Plan. 7

3 Public Health and Environmental Evaluation Plan which describes how  
4 the magnitude and probability of actual or potential harm to public  
5 health and welfare and the environment by the threatened and/or  
6 actual release of a hazardous substance will be determined and  
7 which describes the activities necessary to accomplish this task  
8 including:

9 (1) An evaluation of the results of the Site  
10 investigation showing the actual and potential amounts and  
11 concentrations of hazardous substances in all relevant  
12 environmental media (air, water, soil, sediment and biota) at the  
13 conclusion of the remedial investigation;

14 (2) An assessment of the environmental fate and  
15 transport mechanisms for each hazardous substance within the  
16 relevant environmental media;

17 (3) Identification of the hazardous and  
18 toxicological properties and relevant human health and  
19 environmental standards and criteria for the hazardous substances  
20 found in the Site investigation;

21 (4) Identification of all exposure pathways and the  
22 extent of actual and/or potential exposure;

23 (5) Identification of population(s) at risk; and

24 (6) An evaluation of the extent of harm and the  
25 likelihood of such harm occurring.

26 6.2.8 Other Activities. A description of any other

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1 significant activities not already addressed in the RI Workplan,  
2 but which are necessary to perform the RI.

3           6.2.9 Schedule. A schedule which provides specific time  
4 frames for initiation and/or completion of each activity and report  
5 conducted or submitted under the RI and FS Workplans.

6           6.3 RI Workplan Implementation. The Settling Parties  
7 shall implement the RI Workplan as approved by the Department in  
8 accordance with an approved schedule. If the Department identifies  
9 other activities necessary to complete the RI, the Department shall  
10 provide written notice to the Settling Parties of such additional  
11 activities and the basis for such additional activities. As to  
12 those additional activities, if any, to which the Settling Parties  
13 object, Settling Parties and the Department shall attempt to  
14 resolve such objections in a manner provided in Paragraph 7.19 of  
15 this Order. After the Workplan is approved, such other activities  
16 will be submitted in a new workplan and implemented by Settling  
17 Parties in accordance with an approved schedule.

18           6.4 Remedial Investigation Report. The Remedial  
19 Investigation Report shall be prepared and submitted to the  
20 Department for review and approval in accordance with the approved  
21 RI Workplan schedule. The Remedial Investigation Report shall  
22 summarize the results of the remedial investigation including  
23 reduction, presentation and interpretation of all data and  
24 information generated and/or compiled during the remedial  
25 investigation. The Remedial Investigation Report shall cover, but  
26 not be limited to, the following subjects relating to the Site:  
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- 1. Introduction
  - 1.1 Purpose of Report
  - 1.2 Site Background
    - 1.2.1 Site Description
    - 1.2.2 Site History
    - 1.2.3 Previous Investigation
  - 1.3 Report Organization
- 2. Study Area Investigation
  - 2.1 Surface Features (topographic mapping, natural and man-made features, etc.)
  - 2.2 Contaminant Source Investigations
  - 2.3 Meteorological Investigations
  - 2.4 Surface Water and Sediment Investigations
  - 2.5 Geological Investigations
  - 2.6 Soil and Vadose Zone Investigations
  - 2.7 Groundwater Investigations
  - 2.8 Human Population Surveys
  - 2.9 Ecological Investigations
  - 2.10 Flood Potential
  - 2.11 Drainage
  - 2.12 Biota Investigation
    - 2.12.1 Flora
    - 2.12.2 Fauna
- 3. Physical Characteristics of the Study Area
  - 3.1 Surface Features
  - 3.2 Meteorology

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- 3.3 Surface Water Hydrology
- 3.4 Geology
- 3.5 Soils
- 3.6 Hydrogeology
- 3.7 Demography and Land Use
- 3.8 Ecology
- 4. Nature and Extent of Contamination
  - 4.1 Sources
  - 4.2 Soils and Vadose Zone
  - 4.3 Groundwater
  - 4.4 Surface Water and Sediments
  - 4.5 Air
- 5. Contaminant Fate and Transport
  - 5.1 Potential Routes of Migration
  - 5.2 Contaminant Persistence
  - 5.3 Contaminant Migration
- 6. Baseline Risk Assessment
  - 6.1 Human Health Evaluation
    - 6.1.1 Contamination Identification
    - 6.1.2 Exposure Assessment
    - 6.1.3 Toxicity Assessment
    - 6.1.4 Risk Characterization
  - 6.2 Environmental Evaluation
- 7. Summary and Conclusions
- 8. Hazardous Substance Investigation
  - 8.1 Waste Types

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8.2 Waste Component Characteristics and Behavior

9. Public Health and Environmental Evaluation Concerns

9.1 Potential Receptors

9.2 Public Health Impacts

9.3 Environmental Impacts

6.5 Feasibility Study Workplan. A Feasibility Study

Workplan shall be prepared which describes how the feasibility study will identify, develop and evaluate remedial action alternatives with respect to technical, public health, environmental, institutional, and cost considerations, and will include, at a minimum, the following information:

(1) A summary of the existing and potential hazards for which corrective action may be required;

(2) A description of the alternative remedial actions which will be evaluated and a list of the technologies which will be screened for each alternative remedial action;

(3) A description of the public health, and environmental and cost factors, as well as other criteria which will be considered in screening and analyzing each alternative remedial action technology, including each alternative's effectiveness, reliability, timeliness of implementation, unit cost, availability, operation and maintenance costs, and conformity with applicable laws and regulations;

(4) A description of all pilot studies, bench tests or other activities which will be performed to evaluate each

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1 alternative remedial action technology; and

2 (5) A description of the federal and state environmental  
3 and public health requirements to be considered in developing the  
4 remedy.

5 6.6 Feasibility Study Report. The Feasibility Study  
6 Report (FS Report) shall be prepared and submitted to the  
7 Department for review and approval in accordance with the approved  
8 RI Workplan schedule. The FS Report shall summarize, interpret,  
9 and compile the results of all data and information generated  
10 during the feasibility study. Furthermore, the FS must include  
11 identifying and screening technologies in order to develop site  
12 remediation options which can meet remedial action objectives.  
13 These options must be evaluated in detail in the FS Report and mu:  
14 include the following:

- 15 1. Description of the current situation
  - 16 1.1 Site background information;
  - 17 1.2 Nature and extent of contamination;
  - 18 1.3 Objective of remedial action(s);
- 19 2. Description of remedial action technologies
  - 20 2.1 Pilot Studies, if applicable;
  - 21 2.2 Bench tests, if applicable;
- 22 3. Documentation of all treatability studies  
23 conducted.
- 24 4. Development of medium-specific or operable  
25 unit-specific remedial action objectives,  
26 including ARARs and risk numbers.

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- 5. Identification and screening of general response actions, remedial technologies, and process options on a medium or operable unit-specific basis.
- 6. Evaluation of alternatives based on the criteria contained in the NCP and H & SC Section 25356.1 including:
  - 6.1 Overall protection of human health and the environment;
  - 6.2 Compliance with ARARs;
  - 6.3 Long-term effectiveness and performance;
  - 6.4 Reduction of toxicity, mobility, or volume through treatment;
  - 6.5 Short-term effectiveness;
  - 6.6 Implementation based on technical and administrative acceptance;
  - 6.7 Community acceptance;
  - 6.8 State acceptance;
  - 6.9 Cost.

6.7 Other Potential Data Needs. Because of the limited information relating to the Site and iterative nature of the RI/ process, additional data requirements and analyses may be identified throughout the process. Whenever either Party identifies such additional data requirements, that Party shall notify the other Party in writing. In any event, Settling Parties are responsible for fulfilling additional data and analyses needs identified by either Party consistent with and subject to the

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1 general scope, objectives and terms of this Order.

2           6.8 Public Participation Plan/Community Relations Plan.

3 Within 30 days of the effective date of this Order, Settling  
4 Parties shall prepare and submit a Public Participation Plan which  
5 describes how the public and the adjoining community will be kept  
6 informed of activities conducted at the Site and how Settling  
7 Parties will be responding to inquiries from concerned citizens.  
8 This plan must be submitted in accordance with the Department's  
9 Public Participation Policy and Guidance Manual, and must be  
10 approved by the Department.

11           6.9 California Environmental Quality Act (CEQA). The

12 Settling Parties shall submit an Initial Study, associated  
13 checklist, and discussion of mitigation methods (if any) as  
14 required by CEQA, concurrent with submittal of the draft Remedial  
15 Action Plan specified in Paragraph 6.10, or if notified by the  
16 Department that an activity required by this Order requires CEQA  
17 compliance. Based on the results of the Initial Study, the  
18 Department will determine if a Negative Declaration or  
19 Environmental Impact Report (EIR) should be prepared. If the  
20 Department believes that an EIR is necessary, it may contact the  
21 Settling Parties prior to the submittal of the draft RAP to  
22 identify the necessary tasks, and schedule the preparation and  
23 finalization of the EIR.

24           6.10 Draft Remedial Action Plan. Within forty five (

25 days after Department approval of the Remedial Investigation and  
26 the Feasibility Study Report, Settling Parties shall prepare and

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1 submit to the Department for review and approval a draft Remedial  
2 Action Plan (RAP) which is based on the approved Remedial  
3 Investigation and Feasibility Study Report. The draft RAP shall  
4 set forth in detail appropriate steps to remedy air, soil, surface  
5 water, and groundwater contamination at the Site and adjacent  
6 areas.

7 The draft RAP shall summarize prior deliverables and  
8 include, but is not limited to, the following:

- 9 (1) A summary and conclusions of the RI/FS Report(s);
- 10 (2) An evaluation of ARARs;
- 11 (3) A summary of the quantitative Risk Assessment of the  
12 Site; and
- 13 (4) Non-Binding Preliminary Allocation of Responsibility  
14 pursuant to H & SC 25356.1(d).

15 In addition, the draft RAP shall be prepared in  
16 accordance with the standards and requirements set forth in Health  
17 and Safety Code Section 25356.1.

18 6.11 Final Remedial Action Plan. Within sixty (60) days  
19 of receipt by Settling Parties of substantive comments received  
20 from the Department during the public review process, Settling  
21 Parties shall prepare and submit to the Department a final RAP  
22 responding to public comments, including a responsiveness summary.

23 6.12 Remedial Design. Within sixty (60) days after  
24 Department approval of the final RAP, Settling Parties shall submit  
25 to the Department for review and approval a Remedial Design  
26 describing in detail the technical and operational plans for

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1 implementation of the final RAP which includes the following  
2 elements, as applicable:

3 (1) Design criteria, process unit and pipe sizing  
4 calculations, process diagrams, and final plans and specifications  
5 for on-site construction activities;

6 (2) Description of equipment used to excavate, handle,  
7 and transport contaminated material;

8 (3) A field sampling and laboratory analysis plan to  
9 address sampling during implementation and to confirm achievement  
10 of the performance objectives of the RAP;

11 (4) A transportation plan identifying routes of travel  
12 and final disposal destination of wastes generated;

13 (5) An updated health and safety plan addressing  
14 implementation activities;

15 (6) Identification of any necessary permits and  
16 agreements;

17 (7) An operation and maintenance plan including any  
18 required monitoring;

19 (8) A detailed schedule for implementation of the  
20 remedial action consistent with the schedule contained in the  
21 approved RAP including procurement, mobilization, construction  
22 phasing, sampling, facility start up, and testing.

23 6.13 Implementation of Final Remedial Action Plan.

24 Upon Department approval of the Remedial Design, Settling Parties  
25 shall implement the final RAP as approved. Within thirty (30) days  
26 of completion of field activities, Settling Parties shall submit a

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1 and respond to all notices, comments, approvals and other  
2 communications from the Department. Within fifteen (15) days of a  
3 change of Project Coordinator, Settling Parties shall submit notice  
4 to the Department in writing of the name, address and telephone  
5 number of any newly designated Project Coordinator.

6           7.2 Professional Engineer/Registered Geologist. The  
7 work performed pursuant to this Order shall be under the direction  
8 and supervision of a qualified professional engineer (PE) or a  
9 registered geologist (RG), registered in the State of California,  
10 with expertise in hazardous waste site remediation. Within sixty  
11 (60) days of the effective date of this Order, Settling Parties  
12 shall submit the name and address of the PE or RG chosen by  
13 Settling Parties. Within fifteen (15) days of any change of PE or  
14 RG, Settling Parties shall notify the Department in writing with  
15 the name, address and telephone number of any newly designated PE  
16 or RG.

17           7.3 Monthly Summary Reports. Within 30 days of the  
18 effective date of this Order and every month thereafter, Settling  
19 Parties shall submit a Monthly Summary Report of their activities  
20 under the provisions of this Order. This report shall describe:  
21 (a) specific actions taken by or on behalf of the Settling Parties  
22 during the previous month, (b) actions expected to be undertaken  
23 during the current month, (c) all planned activities for the  
24 following month, (d) requirements under this Order that were not  
25 completed and any problems or anticipated problems in complying  
26 with this Order; and (e) all final results of sample analyses,  
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1 tests and other data generated or received by the Settling Parties  
2 under this Order. The Settling Parties shall submit the Monthly  
3 Summary Report to the Department by the 15th day of each month.

4           7.4 Quality Assurance/Quality Control. All samplings  
5 and analyses conducted under this Order shall be performed in  
6 accordance with quality assurance/quality control procedures  
7 submitted by the Settling Parties and approved by the Department  
8 pursuant to this Order.

9           7.5 Submittal and Notification. All submittals and  
10 notifications from the Settling Parties required by this Order  
11 shall be sent simultaneously to:

12           Vanessa Dao  
13           Project Manager  
14           Department of Toxic Substances Control  
15           245 West Broadway, Suite 425  
16           Long Beach, CA 90802

17           Robert P. Ghirelli  
18           Executive Officer  
19           Regional Water Quality Control Board  
20           101 Centre Plaza Drive  
21           Monterey Park, CA 91754

22           7.6 Communications. All approvals and decisions of t  
23 Department made regarding submittals and notifications will be  
24 communicated to the Settling Parties in writing by the Site  
25 Mitigation Branch Chief, Department of Toxic Substances Control,  
26 his/her designee. No informal advice, guidance, suggestions or  
27 comments by the Department regarding reports, plans,  
specifications, schedules or any other writings by the Settling  
Parties shall be construed to relieve Settling Parties of their

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1 obligation to obtain such formal written approvals as may be  
2 required.

3           7.7 Department Review and Approval.

4           7.7.1 If the Department determines that any report,  
5 plan, schedule or other document submitted for approval fails to  
6 comply with this Order or fails to protect public health or safety  
7 or the environment, the Department shall return the document to the  
8 Settling Parties with recommended changes and a date consistent  
9 with Paragraph 6.16 of this Order by which the Settling Parties  
10 must submit to the Department a revised document incorporating the  
11 recommended changes. Settling Parties shall submit a revised  
12 document that shall reflect the recommended changes and/or note  
13 objections to the recommended changes.

14           7.7.2 If, after submission of the revised document, the  
15 Department determines that the document cannot be approved as  
16 modified, the Department may:

17                   (1) modify the document as deemed necessary and  
18 approve the document as modified, provided that such modifications  
19 will clearly be identified as those of the Department; or

20                   (2) make a determination of noncompliance pursuant  
21 to Health & Safety Code Section 25355.5(a)(2).

22           7.8 Compliance with Applicable Laws. Settling Parties  
23 shall carry out this Order in compliance with all applicable state  
24 and federal requirements, including, but not limited to, applicabl  
25 requirements to obtain permits and to assure worker safety.

26           7.9 Non-Compliance by Settling Parties. In the event

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1 the Department believes that the Settling Parties are not in  
2 compliance with this Order, the Department shall provide the  
3 Settling Parties with notice in writing of the facts which  
4 constitute such alleged non-compliance and, except as specified  
5 otherwise herein, shall specify a reasonable time period of not  
6 less than ten (10) days for the Settling Parties to remedy such  
7 non-compliance. Upon receipt of such notice, Settling Parties may  
8 submit the finding of non-compliance to dispute resolution under  
9 the provisions of Paragraph 7.19 (Dispute Resolution). If the  
10 Settling Parties remedy such non-compliance in accordance with the  
11 notice from the Department, decision of Arbiter, or schedule  
12 specified by the Department, Settling Parties shall deemed to be  
13 compliance with this Order. Non-compliance by any Settling Party  
14 does not relieve any other Settling Parties of any obligations  
15 under this Order.

16           7.10 Endangerment During Implementation. In the event  
17 that the Department determines that any circumstances or  
18 activities, whether or not pursued in compliance with this Order  
19 are creating an imminent or substantial endangerment to the health  
20 or safety of the people on the Site or in the surrounding area or  
21 to the environment, the Department may order the Settling Parties  
22 to stop further implementation of this Order for such period of  
23 time as needed to abate the endangerment.

24           7.11 Site Access.

25           7.11.1 Access to the Site shall be provided at all  
26 reasonable times by Settling Parties to properly identified

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1 employees, contractors and consultants of the Department. Nothing  
2 in this Paragraph is intended or shall be construed to limit in any  
3 way the right of entry or inspection that the Department or any  
4 other agency may otherwise have by operation of law.

5           7.11.2     Subject to giving reasonable advance notice,  
6 but without waiving any authority the Department may otherwise hav  
7 at law, the Department and its authorized representatives shall  
8 have the authority to enter and move freely about all property at  
9 the Site at all reasonable times for purposes including, but not  
10 limited to: inspecting records, operating logs, sampling and  
11 analytic data, and contracts pursuant to carrying out the Scope of  
12 Work under this Order, except such documents as are privileged  
13 under California law; reviewing the progress of Settling Parties  
14 carrying out the terms of this Order; conducting such tests as th  
15 Department may deem necessary; and verifying the data submitted t  
16 the Department by the Settling Parties.

17           With respect to those documents for which a claim of  
18 privilege is asserted, Settling Parties hereby agree to identify  
19 the document and to state with particularity the basis for the  
20 asserted privilege

21           7.11.3     To the extent that the Site or other areas  
22 where work is to be performed is presently owned or controlled b  
23 persons other than the Settling Parties or to the extent that  
24 access to or easement over property is required for the proper a  
25 complete performance of this Order, the Settling Parties shall u  
26 their best efforts to obtain reasonable access agreements from s

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1 owners which shall provide reasonable access for the Settling  
2 Parties and the Department and their representatives. The Settling  
3 Parties may request the assistance of the Department in obtaining  
4 such reasonable access, and upon such request, the Department will  
5 use its best efforts to obtain the required access. In the event  
6 that Settling Parties are unable to obtain access agreements and  
7 desire assistance from the Department, the Settling Parties shall  
8 promptly notify the Department in writing of any request for access  
9 assistance. Reasonable access agreements may include the payment  
10 of reasonable fees for access but would not include prejudice to or  
11 waiver of legal rights or indemnifications.

12           7.11.4     With respect to property not owned or operated  
13 by the Settling Parties on which monitoring wells, pumping wells,  
14 or other response actions are to be located, Settling Parties shall  
15 use their best efforts to ensure that any access agreements shall  
16 provide for the continued right of entry for the Settling Parties  
17 and the Department and their employees, contractors, and  
18 consultants in order to perform such investigatory or response  
19 activities. In addition, Settling Parties shall attempt to ensure  
20 that any access agreement shall provide that no conveyance of  
21 title, easement, or other interest in the property shall be  
22 consummated without the continued right of entry.

23           7.12     Sampling, Data and Document Availability.

24 Settling Parties shall permit the Department and its authorized  
25 representatives to inspect and copy all sampling, testing,  
26 monitoring or other data generated by the Settling Parties or on

27 //

1 their behalf in any way pertaining to work undertaken pursuant to  
2 this Order. Settling Parties shall inform the Department as soon  
3 as possible but at least seven (7) days in advance of all field  
4 sampling under this Order and shall allow the Department and its  
5 authorized representatives to take duplicates of any samples  
6 collected by the Settling Parties pursuant to this Order. Settlin  
7 Parties shall maintain a central depository of data, reports, and  
8 other documents prepared pursuant to this Order. All such data,  
9 reports and other documents shall be preserved by the Settling  
10 Parties for a minimum of six years after the conclusion of all  
11 activities conducted pursuant to this Order. Settling Parties  
12 shall notify the Department in writing at least six months prior t  
13 the expiration of the six-year period before destroying any  
14 documents prepared pursuant to this Order. If the Department  
15 requests within 4 weeks of expiration of the six-year period that  
16 some or all of the documents be preserved for a longer period of  
17 time, Settling Parties shall either comply with that request or  
18 deliver the documents to the Department, or permit the Department  
19 to copy the documents prior to destruction.

20           7.13 Additional Enforcement Actions. By entering into  
21 this Order, the Department does not waive the right to take any  
22 further actions authorized by law.

23           7.14 Incorporation of Plans and Reports. All plans,  
24 schedules, reports, specifications and other documents that requi  
25 Department approval and are submitted by the Settling Parties  
26 pursuant to this Order are incorporated in this Order upon approv

27 //

1 by the Department and shall be implemented by the Settling Parties  
2 as approved by the Department, subject to Dispute Resolution  
3 pursuant to Paragraph 7.19. Noncompliance with Department  
4 requirements for these documents' contents shall be deemed  
5 noncompliance with this Order.

6           7.15 Extension Requests and Approvals. Except as  
7 provided in Section VIII of this Order, if the Settling Parties are  
8 unable to perform any activity or submit any document within the  
9 time required under this Order, Settling Parties may request an  
10 extension of time from the Department. Any extension requests  
11 shall be made in writing and must include a justification for the  
12 delay. All such requests shall be made at least five (5) days in  
13 advance of the date on which the activity or document is due,  
14 provided that, in the event Settling Parties for good cause is  
15 unable to make a timely written request for extension, Settling  
16 Parties may request, prior to expiration of the time, an extension  
17 of the time orally and followed by written confirmation within two  
18 (2) business days of such oral request. The Department shall  
19 respond to all requests made pursuant to this paragraph within five  
20 (5) days of receipt of notice, as described above. If the  
21 Department determines that good cause exists for an extension, it  
22 will grant the request and specify a new schedule in writing.  
23 Settling Parties shall comply with the new schedule. The  
24 Department's decision not to grant a request for an extension of  
25 time is subject to Dispute Resolution under Paragraph 7.19.

26           7.16 Cost Recovery. Cost recovery may be pursued by  
27 //

1 the Department under CERCLA, Health and Safety Code Section 25360,  
2 or any other applicable state or federal statute or common law.

3           7.17 Payment of Department Oversight Section 25360 of  
4 Chapter 6.8, Division 20 of the California Health and Safety Code  
5 requires the Department to recover all costs, including interest,  
6 spent in overseeing site cleanup or performing cleanup activities.  
7 These costs shall include, but are not limited to, direct staff  
8 costs, contractor costs, indirect administrative costs, and  
9 sampling expenses. Upon completion of work at the Site, or at  
10 quarterly intervals, a Summary by Activity Report will be prepared  
11 by the Department and submitted to Settling Parties. Settling  
12 Parties shall then reimburse the Department for such costs within  
13 sixty (60) calendar days from receipt of an invoice for these costs  
14 from the Department. No later than thirty (30) days after receipt  
15 of a written request for cost documentation supporting the invoice,  
16 the Department shall provide to Settling Parties a complete Summary  
17 by Activity Report relating to activities undertaken by employees  
18 and/or agents of the Department and, as appropriate, invoices or  
19 bills relating to costs associated with consultants retained by the  
20 Department. To the extent that documentation cannot be provided  
21 within the time period referenced above, the time for payment of  
22 the invoice shall be extended by a period identical to the delay  
23 beyond thirty (30) days in providing the documentation.

24           7.17.1 The Department's oversight activities related to  
25 the Site include those costs incurred by the Department prior to  
26 execution of the within Order and all subsequent activity by any  
27 //

1 Department staff or contractor, including, but not limited to,  
2 inspecting the Site, reviewing submittals from Settling Parties,  
3 and technical, administrative, and supervisory activities related  
4 to the Site, including final certification of completion of the  
5 RAP-required cleanup activities.

6           7.17.2 Settling Parties shall pay the amount of Thirty  
7 Five Thousand dollars (\$35,000) ("Settlement Amount") to the  
8 Department as complete and final settlement of any and all claims  
9 by the Department for all direct and indirect costs related to the  
10 Site, including staff time, contractor costs and administrative  
11 costs ("Past Cost Claims") incurred by the Department prior to  
12 December 31, 1993. Settling Parties shall pay the Settlement  
13 Amount to the Department within thirty (30) calendar days from the  
14 effective date of this Order. In consideration of the payment of  
15 the Settlement Amount, the Department agrees to release Settling  
16 Parties from any and all claims relating to Past Cost Claims, as  
17 defined above.

18           Settling Parties check shall be made payable to the  
19 Department of Toxic substances Control, and shall identify the  
20 Settling Parties and Docket Number, as shown in the heading of this  
21 agreement. Settling Parties shall forward the payment to:

22                   Department of Toxic Substances Control  
23                   Accounting Office  
24                   400 P Street, 4th Floor  
                  P.O. Box 806  
                  Sacramento, California 95812-0806

25 //

26 //

27 //



1 A photocopy of the check shall be sent to:

2 Vanessa Dao  
3 Project Manager  
4 Department of Toxic Substances Control  
5 245 West Broadway, Suite 425  
6 Long Beach, CA 90802

7 7.17.3 Notwithstanding the requirements of Paragraphs  
8 7.17, 7.17.1, and 7.17.2, the Department agrees to refund or credit  
9 to Settling Parties any payments made under this Paragraph that  
10 represent indirect costs of the Department calculated in excess of  
11 the Actual Indirect Cost Rate for each fiscal year. For the  
12 purposes of this subparagraph, the term "Actual Indirect Cost Rate"  
13 shall mean the indirect cost rate determined based upon actual  
14 costs (as opposed to projected costs) in each fiscal year, if such  
15 indirect costs are lower than the projected costs, and shall  
16 include any reduction in the indirect cost rate determined in any  
17 fiscal year. The refund or credit to be paid under this  
18 subparagraph shall be calculated by applying the Actual Indirect  
19 Cost Rate in place of the rate actually used to determine indirect  
20 costs paid by Settling Parties in each fiscal year that such costs  
21 are paid. The amount paid by Settling Parties in excess of the  
22 Actual Indirect Cost Rate shall be aggregated for all payments made  
23 during that fiscal year and either (a) refunded to the Settling  
24 Parties or (b) credited against costs charged to the Settling  
25 Parties in the following fiscal year at the discretion of the  
26 Department; provided that the choice of reimbursement to Settling  
27 Parties must be made before the issuance of the first quarter  
invoice in the following fiscal year; provided further that if the

1 Department chooses to provide a refund of indirect cost payments,  
2 such refund must be made to Settling Parties within sixty (60) days  
3 after the submission of the above-referred first quarterly invoice  
4 in the following fiscal year.

5           7.17.4 Settling Parties may dispute any costs submitted  
6 by the Department for payment under this section by providing  
7 written notice to the Department of such a dispute within sixty  
8 (60) calendar days from receipt of the invoice for such costs. The  
9 above-referenced written notice shall identify the specific costs  
10 disputed and describe the nature of the dispute. Where the costs  
11 in dispute are in excess of \$10,000, the amount of any disputed  
12 costs shall be placed in an interest-bearing escrow account in a  
13 financial institution in the State of California during the  
14 pendency of any dispute relating to such disputed costs. Evidence  
15 of the establishment of such an escrow account shall be provided to  
16 the Department within a reasonable time after submission of notice.  
17 To the extent that there are costs on a disputed invoice that are  
18 not subject to dispute, Settling Parties shall be obligated to make  
19 payment of such costs as provided in Paragraph 7.17. Any dispute  
20 raised in accordance with this subsection shall be subject to  
21 Dispute Resolution as provided in Paragraph 7.19.2 of this Order.

22           7.18 Modifications. Settling Parties may by written  
23 request seek modification, termination or revision of this Order or  
24 any portion of this Order or any program or plan submitted pursuant  
25 to this Order at any time. This Order and any applicable program,  
26 plan, or schedule may be modified, terminated or revised by mutual

27 //

1 written agreement of the Parties at any time. Any modification to  
2 this Order shall be effective upon the date the modification is  
3 signed by the Department and, thereafter, received by the Settling  
4 Parties, and shall be deemed incorporated in this Order.  
5 Notwithstanding the above, the Department reserves the right to  
6 take additional enforcement action as provided by law, including  
7 issuing new or additional Orders.

8           7.19 Dispute Resolution.

9           7.19.1 Informal Resolution. (a) Should Settling  
10 Parties object to any Department decision pursuant to this Consen-  
11 Order, except as set forth in subparagraph (b), Settling Parties  
12 shall notify the Department in writing of their objections within  
13 fifteen (15) calendar days after receipt of such decision. (b) For  
14 purposes of Paragraph 7.19.1, Department decisions do not include  
15 deadlines for submission of deliverables pursuant to the Order.  
16 (c) Within fifteen (15) calendar days from submission of such  
17 written objections, the Department and the Settling Parties shall  
18 meet and confer in an attempt to reach agreement. At the end of  
19 this discussion period or at any time after meeting or conferring  
20 with the Settling Parties, the Department shall provide a written  
21 statement of its decision to the Settling Parties. That statement  
22 shall be considered the final decision of the Department except  
23 those decisions as to which Settling Parties are entitled to inv  
24 formal dispute resolution set forth below.

25           7.19.2 Formal Dispute Resolution. Formal dispute  
26 resolution including any dispute regarding any final deliverable

27 //

1 as set forth below is exclusively limited to: (a) disputes  
2 regarding schedules for deliverables or field work and (b) disputes  
3 regarding additional work which may arise under the provisions  
4 described in Paragraph 6.7. (c) disputes regarding the selection  
5 of the remedy through the Remedial Action Plan process (Paragraph  
6 6.11 through 6.13), and (d) disputes regarding approval of the  
7 Remedial Investigation Report (Paragraph 6.4) and the Feasibility  
8 Study Report (Paragraph 6.6) under Paragraph 7.7. (e) disputes  
9 regarding costs arising under Paragraph 7.17.3. Decisions holding  
10 the Settling Parties in noncompliance for untimely deliverables are  
11 not subject to formal dispute resolution.

12           7.19.3 If the Settling Parties disagree with the action  
13 of the Department in respect to any issue within the scope of  
14 subparagraph 7.19.2 above, Settling Parties may submit such action  
15 for review by the Branch Chief of the Site Mitigation Branch (the  
16 "Arbiter"), Department of Toxic Substances Control, or, in the  
17 Branch Chief's extended absence, the Unit Chief for this project  
18 within the Department within 30 days of such action. The Arbiter  
19 shall receive written evidence and testimony concerning the action  
20 by the Department, and shall determine whether such action is  
21 appropriate under all the facts and circumstances. The Arbiter  
22 shall issue a written decision affirming the action of the  
23 Department, setting aside the action of the Department, or amending  
24 the action of the Department, as appropriate. The Arbiter's  
25 written decision shall set forth the reasons for the ruling. The  
26 Arbiter shall render all decisions in accordance with applicable

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1 state and federal laws. The Arbiter's decision shall be the final  
2 decision of the Department. Noncompliance by Settling Parties with  
3 the Arbiter's decision may be deemed by the Department to be  
4 noncompliance with this Order.

5           7.19.4 During the pendency of all dispute resolution  
6 procedures set forth above, the time periods for completion of work  
7 to be performed under this Order which are affected by such dispute  
8 shall be extended for a period of time not to exceed the actual  
9 time taken to resolve the dispute.

10           7.20 Time Periods/Effective Date. Unless otherwise  
11 specified, time periods begin from the effective date of this Order  
12 and "days" means calendar days. The effective date of this Order  
13 shall be the date the Department is notified by the Settling  
14 Parties that they have executed this Order.

15           7.21 Parties Bound.

16           7.21.1 This Order applies to and is binding upon the  
17 Settling Parties as defined in Paragraph 1.1 above, and their  
18 respective successors and assigns, and is binding upon the  
19 Department and any successor agency with responsibility for and  
20 jurisdiction over the subject matter of the Order.

21           7.21.2 Settling Parties shall be jointly and severally  
22 responsible for the performance of the Settling Parties'  
23 obligations set forth in this Order. In the event of the inability  
24 to pay or insolvency of any one or more of the Settling Parties,  
25 regardless of whether that Settling Party or Parties enter into  
26 formal bankruptcy proceedings, or in the event that for any other  
27 //

1 reason one or more of the Settling Parties do not participate in  
2 the implementation of the work as required herein, the remaining  
3 Settling Parties agree and are obligated to complete such work and  
4 other activities as required under this Order.

5           7.22 No Admission of liability. By entering into this  
6 Order, or by taking any action in accordance with it, the Settling  
7 Parties do not admit any of the FINDINGS OF FACT, CONCLUSIONS OF  
8 LAW, DETERMINATIONS or any of the allegations contained in this  
9 Order, nor do the Settling Parties admit liability for any purpose  
10 or admit any issues of law or fact relating to the release or  
11 threat of release of any hazardous substance from the Site. The  
12 Participation of Settling Parties in this Order shall not be  
13 admissible against Settling Parties in any judicial or  
14 administrative proceeding, except for an action by the Department  
15 to enforce the terms of this Order or an action against the  
16 Department which alleges injury based, in whole or in part, on acts  
17 or omissions of Settling Parties in connection with the performance  
18 under this Order.

19           7.23 Covenant not to Sue by Settling Parties. Settling  
20 Parties hereby covenant not to sue and agree not to assert any  
21 claims or causes of action against the State arising out of any  
22 acts or omissions or oversight activities of the Department with  
23 respect to the Site or this Order, including but not limited to:  
24 (a) any direct or indirect claim for reimbursement from the  
25 Hazardous Waste Control Account, Hazardous Substance Account, or  
26 Hazardous Substance Cleanup Fund through H & SC Section 25375 or  
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1 any other provision of law; (b) any claims against the State under  
2 CERCLA Sections 107 or 113 for any acts, oversight activities or  
3 alleged omissions by the Department related to the Site; (c) any  
4 claims against the State arising out of response activities,  
5 oversight activities or alleged omissions by the Department, at the  
6 Site, including but not limited to nuisance, trespass, takings,  
7 equitable indemnity and indemnity under California law,  
8 contribution under California and federal law, or negligence and  
9 strict liability under California law.

10 VIII. FORCE MAJEURE

11 A Force Majeure shall mean any event arising from causes  
12 beyond the reasonable control of Settling Parties that causes a  
13 delay in or prevents the performance of any obligation under this  
14 order, including, but not limited to:

- 15 1. Acts of God;
- 16 2. Fire;
- 17 3. War;
- 18 4. Insurrection;
- 19 5. Civil disturbance;
- 20 6. Explosion;
- 21 7. Unanticipated breakage or accident to machinery,  
22 equipment or line of pipe despite reasonable  
23 diligent maintenance;
- 24 8. Restraint by court order or order of public  
25 authority;
- 26 9. Inability to obtain, after exercise of reasonable

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1 diligence, any necessary authorizations, approval,  
2 permits or licenses due to action or inaction of any  
3 governmental agency.

4 10. Unusual delay in transportation which could not be  
5 reasonably anticipated.

6 A Force Majeure shall also include any strike or other  
7 labor dispute whether or not within the control of the Settling  
8 Parties affected thereby. Force Majeure shall not include  
9 increased costs or expenses of response actions, whether or not  
10 anticipated at the time such response actions were initiated. Any  
11 request for extension based on Force Majeure shall be made at least  
12 seven (7) days after the event constituting Force Majeure or the  
13 due date, whichever is sooner.

14 In the event that the Department agrees that the Settling  
15 Parties are rendered unable, wholly or in part, by Force Majeure to  
16 meet the terms and conditions of this Order, the obligation of  
17 Settling Parties affected by such Force Majeure shall be suspended  
18 for at least the duration of the Force Majeure period, and dates  
19 requiring future action which are affected by the Force Majeure  
20 shall be extended by the period of the Force Majeure. The  
21 Department will make such extensions either through written notice  
22 or through an amendment to this Order, as appropriate.

23 When the Department and Settling Parties cannot agree  
24 that any delay or failure has been or will be caused by  
25 circumstances beyond the reasonable control of Settling Parties  
26 that constitute Force Majeure, or if there is no agreement on the

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1 length of the extension, the dispute shall be resolved in  
2 accordance with the Dispute Resolution provisions of Paragraph  
3 7.19.

4 IX. SEVERABILITY

5 The requirements of this Order are severable, and  
6 Settling Parties shall comply with each and every provision hereof,  
7 notwithstanding the effectiveness of any other provision.

8 X. GOVERNMENT LIABILITIES

9 The State of California shall not be liable for any  
10 injuries or damages to persons or property resulting from acts or  
11 omissions by Settling Parties, their successors, agents or assigns,  
12 or related parties specified in Paragraph 7.21 in carrying out  
13 activities pursuant to this Order, nor shall the State of  
14 California be held as party to any contract entered into by  
15 Settling Parties or its successors, agents or assigns in carrying  
16 out activities pursuant to this Order.

17 XI. RESERVATION OF RIGHTS

18 Nothing in this Order shall constitute or be construed as  
19 a covenant not to sue with respect to, or release from, any claim  
20 or cause of action, whether statutory, judicial, civil or criminal  
21 past or future, in law or equity, which the Department may have  
22 against any person or entity not a Settling Party to this Order.

23 11.1 This Order shall not be construed as limiting in  
24 any way the authority of the Department to take any action to  
25 respond to the release or threatened release of any hazardous  
26 substance, pollutant or contaminant, or to abate an imminent and

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1 substantial endangerment to the public health or welfare or the  
2 environment due to an actual or threatened release of a hazardous  
3 substance, pollutant or contaminant, or due to the disposal of any  
4 solid or hazardous waste at the Site, or to take any other action  
5 authorized by law.

6           11.2 Except as otherwise provided in this Order, the  
7 Settling Parties reserve any and all rights, including but not  
8 limited to rights of contribution or indemnification, for all  
9 costs, losses, liabilities and damages incurred by Settling Parties  
10 in connection with the Site, or for complying with the requirements  
11 of this Order.

12           11.3 In the event any person, not a Party to this Order,  
13 brings suit against any Settling Party in state or federal court  
14 for contribution, indemnification or other claim, then no  
15 determination by that court of nonliability under any theory of  
16 relief, statutory or otherwise, as to any Settling Party, shall  
17 relieve such Settling Party of its duty to perform all requirements  
18 under this Order. Furthermore, such a determination of  
19 nonliability as herein described in favor of any Settling Party  
20 shall be deemed inadmissible as to any claim or cause of action by  
21 the Department to enforce this Order against said Settling Party.

22           11.4 Nothing in this Order is intended or shall be  
23 construed to limit the rights of the Department or the Settling  
24 Parties hereto with respect to claims arising out of or relating to  
25 the deposit, release or disposal of hazardous substances at any  
26 location other than the Site subject to this Order.

27 //



1 of any party except those covenants and agreements embodied in this  
2 Order. No agreement, statement or promise not contained in this  
3 Order shall be valid or binding.

4 XV. SIGNATORIES

5 15.1 Each undersigned representative of the Parties to  
6 this Order warrants and represents that he or she is fully  
7 authorized to enter into the terms and conditions of this Order, to  
8 execute on behalf of, and to legally bind that Party to this Order.

9 XVI. SATISFACTION AND RELEASE

10 16.1 Settling Parties' obligations under this Order  
11 shall terminate and be deemed satisfied upon Settling Parties'  
12 receipt of written notice from the Department that Settling Parties  
13 have complied with all the terms of this Order.

14 //

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1 THE UNDERSIGNED PARTIES enter into this Order relating to  
2 the Stauffer Carson Facility, Carson, California

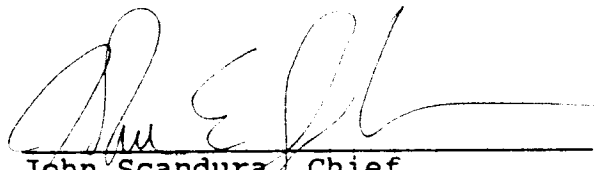
3 //  
4 //

5 IT IS SO AGREED AND ORDERED:

6 //

7 //

8 DATED: June 27, 1994



John Scandura, Chief  
Site Mitigation Operations Branch  
Department of Toxic Substances Control

9 //

10 //

11 IT IS SO AGREED:

12 //

13 //

14 DATED: \_\_\_\_\_

\_\_\_\_\_  
Brian A. Spiller, President  
Stauffer Management Company

15 //

16 //

17 DATED: 7/27/94



George S. Goodridge  
Senior Environmental Attorney  
Rhône-Poulenc Inc.

18 //

19 //

20 //

21 //

22 //

23 //

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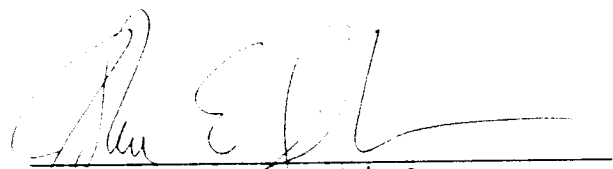
1 THE UNDERSIGNED PARTIES enter into this Order relating to  
2 the Stauffer Carson Facility, Carson, California

3 //  
4 //

5 IT IS SO AGREED AND ORDERED:

6 //  
7 //

8 DATED: June 27, 1994



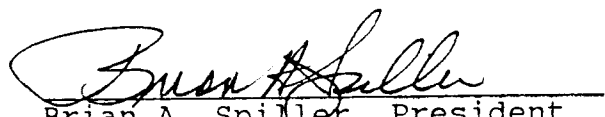
John Scandura, Chief  
Site Mitigation Operations Branch  
Department of Toxic Substances Control

9 //  
10 //  
11 //

12 IT IS SO AGREED:

13 //

14 DATED: July 7, 1994



Brian A. Spiller, President  
Stauffer Management Company

15 //  
16 //

17 DATED: \_\_\_\_\_

George S. Goodridge  
Senior Environmental Attorney  
Rhone-Poulenc Inc.

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2112 East 223rd Street  
Carson, California 90810

Los Angeles County Assessor's Office - Update 11/28/93

**Parcel Number:** 7315 008 021

**Name:** Atkemix Thirty Seven Inc.  
William Hutchinson, Esq.  
Concord Pike and New Murphy Road  
Wilmington, Delaware 19897-0000

**Legal**

**Description:** PART OF THE RANCHO SAN PEDRO ALLOTTED TO MANUEL DOMINGUEZ 14.48 MORE OR LESS ACRES  
COM W ON S LINE OF 223RD ST 1269.14 FT FROM INTERSECTION  
OF SD S LINE WITH NW LINE OF S P R R R/W TH S 17°01'48" W 972.5  
FT TH S 89°45'25" W 69.24 FT TH NW ON A CURVE CONCAVE TO NE  
RADIUS EQUALS 296.84 FT 123.38 FT TH N 42°44'35" W 112.75 FT TH  
N 37°29'07" W 87.14 FT TH N ON A CURVE CONCAVE TO E RADIUS  
EQUALS 296.84 FT 178.84 FT TH N 0°14'35" W 42.5 FT TH S 89°45'25"  
W 444.06 FT TH N 0°14'35" W TO SD LINE TH E T THEREON TO BEG  
PART OF A J D DE GUYER 398.11

EXHIBIT A

2254 E. 223rd Street  
Carson, California 90810

Los Angeles County Assessor's Office - Update 11/28/93

Parcel Number: 7315 007 008

Name: Coon, Idonn A et al  
Reynold, Katie M  
27 Tanglewood  
Monterey, California 93940

Special Name: Donna L Swan

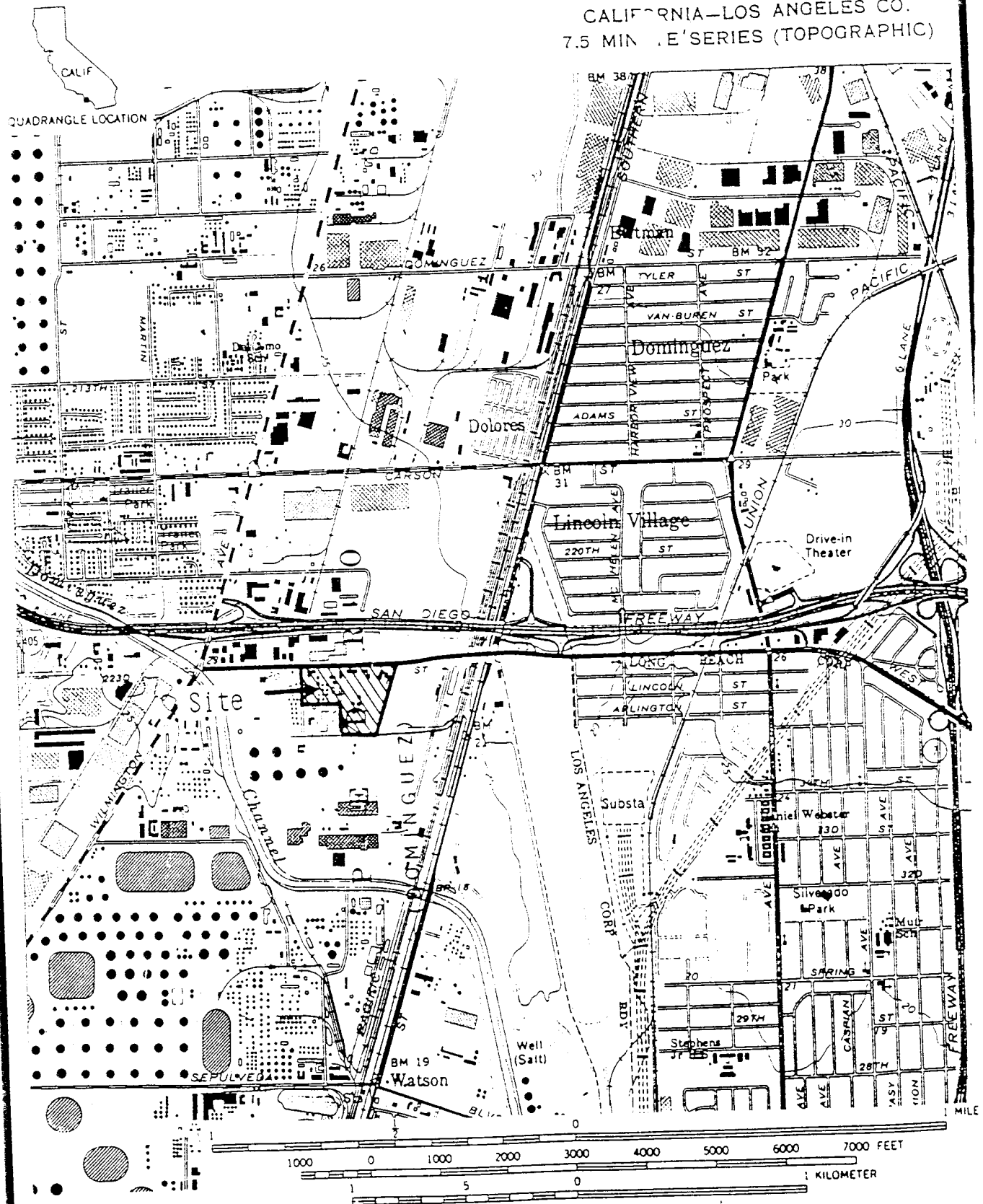
Legal

Description: PART OF THE RANCHO SAN PEDRO ALLOTTED TO MANUEL  
DOMINGUEZ  
LOT COM W ON S LINE OF 223RD ST 431.8 FT AND S 17°01'48" W  
972.5 FT AND W 523.61 FT FROM NW LINE OF S P R R R/W TH W  
483.73 FT TH N 17°01'48" E TO SD S LINE TH E THEREON TO A PT  
N 17°01'48" E FROM BEG TH S 17°01'48" W TO BEG PART OF A J D  
DE GUYER 398.11 AC ALLOT.

EXHIBIT B



LONG BEACH QUADRANGLE  
 CALIFORNIA—LOS ANGELES CO.  
 7.5 MIN. 1:50,000 SERIES (TOPOGRAPHIC)



GN  
 MN  
 0°40' 12 MILS  
 14° 249 MILS  
 NOT TO SCALE  
 BOUNDARIES APPROXIMATE

ENSR Consulting and Engineering  
 Site Location and Topography  
 Stauffer Management Company,  
 CARSON, CALIFORNIA

EXHIBIT  
 C



Pete Wilson  
Governor

# Department of Toxic Substances Control

Jesse R. Huff, Director  
5796 Corporate Avenue  
Cypress, California 90630



Peter M. Rooney  
Secretary for  
Environmental  
Protection

December 22, 1998

Mr. Richard Torrito  
Legal Department  
Rhodia Inc.  
3 Enterprise Drive  
Shelton, Cincinnati 06484

Dear Mr. Torrito:

On November 30, 1998, the Department of Toxic Substances Control (DTSC) sent your company a letter regarding the Consent Agreement and Imminent and Substantial Endangerment Order (Agreement), Docket Number 93/94-005 entered into by you and DTSC for Stauffer Chemical Company. As you may recall, DTSC has determined that the Agreement is based on statutory authorities which are being repealed, effective January 1, 1999 (see Health and Safety Code section 25395).

In the previous letter, DTSC offered you the opportunity to sign an amendment to the existing Agreement which will facilitate the continued cleanup at the Site. We have received your response but reiterate our previous request.

Please have an authorized individual sign and return the enclosed original amendment within two weeks of the date of this letter to Nennet V. Alvarez at the following address:

Department of Toxic Substances Control  
5796 Corporate Avenue  
Cypress, California 90630


A copy of the fully executed amendment will be returned to you after signature by DTSC.

This is to formally notify you that if the amendment is not signed and returned within two weeks of the date of this letter, DTSC will evaluate taking appropriate enforcement action. Appropriate enforcement action may include issuance of a corrective action order or referral of the matter to the Office of the Attorney General. Of course, DTSC would prefer to continue working with you as we have in the past, so we encourage you to return the signed amendment promptly.

Rhodia, Inc.  
December 22, 1998  
Page 2

If you have any questions regarding the attached amendment, please contact me at (714) 484-5459.

Sincerely,

  
Nennet V. Alvarez  
Branch Chief  
Southern California Cleanup Operations Branch B

Enclosure

**CERTIFIED MAIL**

P 759 289 100

**RETURN RECEIPT REQUESTED**

cc: Robert P. Hoffman  
Chief Counsel  
Department of Toxic Substances Control  
P.O. Box 806  
Sacramento, California 95812-0806

STATE OF CALIFORNIA  
ENVIRONMENTAL PROTECTION AGENCY  
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

In the Matter of: )  
)  
Stauffer Chemical Co. )  
2112 E. 223rd Street ) AMENDMENT TO CONSENT AGREEMENT  
Carson, California ) AND IMMINENT AND SUBSTANTIAL  
) ENDANGERMENT ORDER  
) NO. HSA 93/94-005  
)  
)  
) Health and Safety Code sections 25187,  
58009 & 58010

---

The Consent Agreement and Imminent and Substantial Endangerment Order No. HSA 93/94-005 entered into by DTSC and Stauffer Management Company and Rhone-Poulenc Inc. (respondent) on July 27, 1994 hereinafter referred to as the "Order" is hereby amended to add the following provisions:

1. The Order is entered into by the Department of Toxic Substances Control (DTSC) and respondents pursuant to Health and Safety Code sections 25187, 58009 and 58010.
2. DTSC hereby makes the following Findings of Fact and Conclusions of Law:
  - a. There is or has been a release of hazardous waste or constituents from the Stauffer Chemical Co. located at 2112 E. 223rd Street, Carson, California (hereinafter referred to as "facility"). The facility is or has been used for the management of hazardous waste.
  - b. Respondent is a present or prior owner, lessee, or operator of the property where the hazardous waste is located, or is a present or past generator, storer, treater, transporter, disposer, handler of hazardous waste or a person who arranges or arranged, by contract or otherwise to handle hazardous waste.
  - c. Respondent is a "person" as defined in Health and Safety Code section 25118.
  - d. The actions required by the Order are necessary to protect human health or the environment.
3. Respondent waives any right to a hearing in this matter.
4. Respondent agrees to pay all costs incurred by DTSC pursuant to the Order related to the

facility. DTSC will bill respondent quarterly. Respondent agrees to make payment within sixty (60) days of receipt of DTSC's billing. Any billing not paid within sixty (60) days is subject to interest calculated from the date of the billing pursuant to Health and Safety Code section 25360.1.

- 5. The effective date of this Amendment to the Order is the date when it is signed by DTSC.
- 6. Each undersigned representative of the parties to this Amendment to the Order certifies that she or he is fully authorized to enter into the terms and conditions of this Amendment to the Order and to execute and legally bind the parties to this Amendment to the Order.
- 7. This Amendment to the Order may be executed and delivered in any number of counterparts, each of which when executed and delivered shall be deemed to be an original, but such counterparts shall together constitute one and the same document.

\_\_\_\_\_  
Date: \_\_\_\_\_  
Nennet V. Alvarez  
Branch Chief  
Southern California Cleanup Operations Branch B  
Department of Toxic Substances Control

\_\_\_\_\_  
Date: \_\_\_\_\_  
Signature  
Name:  
Title:  
Stauffer Management Company

\_\_\_\_\_  
Date: \_\_\_\_\_  
Signature  
Name:  
Title:  
Rhone-Poulenc Inc.

# *Appendix B*

*Summary of Site Environmental Conditions,  
AECOM, January 2011*

**Summary of Site  
Environmental Conditions**

**Stauffer Management Company LLC Site  
2112 East 223<sup>rd</sup> Street  
Carson, California 90745**

**January 2011**

*Prepared For:* **Stauffer Management Company LLC**  
1800 Concord Pike  
Wilmington, Delaware 19850

*Prepared By:* **AECOM**  
3995 Via Oro Avenue  
Long Beach, California 90810

## TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
<b>EXECUTIVE SUMMARY</b> .....		<b>ex-i</b>
<b>1.0 INTRODUCTION</b> .....		<b>1-1</b>
1.1	SITE DESCRIPTION AND BACKGROUND .....	1-1
1.2	SITE INVESTIGATIONS .....	1-2
1.3	OPERABLE UNITS .....	1-4
1.3.1	<i>Soils Operable Unit (SOU)</i> .....	1-4
1.3.2	<i>Groundwater Operable Unit (GOU)</i> .....	1-4
1.4	LOCAL GEOLOGY/HYDROSTRATIGRAPHIC UNITS .....	1-5
<b>2.0 STATUS OF SOIL REMEDY</b> .....		<b>2-1</b>
2.1	HUMAN HEALTH RISK ASSESSMENT .....	2-2
<b>3.0 EXTENT OF VOCS IN SOIL</b> .....		<b>3-1</b>
<b>4.0 EXTENT OF VOCS IN GROUNDWATER</b> .....		<b>4-1</b>
<b>5.0 DESCRIPTION OF GROUNDWATER REMEDY</b> .....		<b>5-1</b>
5.1	INSTITUTIONAL CONTROLS .....	5-1
5.2	SHORT-TERM OPERATION OF ENHANCED VLE SYSTEM .....	5-2
5.3	ENHANCED IN-SITU BIOREMEDIATION .....	5-2
5.4	MONITORED NATURAL ATTENUATION .....	5-3
5.5	IMPLEMENTATION SCHEDULE .....	5-3
<b>6.0 CONCLUSION</b> .....		<b>6-1</b>
<b>7.0 REFERENCES</b> .....		<b>7-1</b>



## LIST OF FIGURES

<u>Figure</u>	<u>Title</u>
Figure 1	Site Location Map
Figure 2	Site Layout
Figure 3	Hydrostratigraphic Column
Figure 4	Unit A – Groundwater Elevation Map, April 2010
Figure 5	Unit B – Groundwater Elevation Map, April 2010
Figure 6	Unit C – Groundwater Elevation Map, April 2010
Figure 7	Unit D – Groundwater Elevation Map, April 2010
Figure 8	VOC Mass Removal versus Time, VLE System
Figure 9	VOC Concentration versus Time, VLE System
Figure 10	VLE Well Location Map
Figure 11	Soil Progress Boring Location Map
Figure 12	1,2-DCA in Soil, 0-15 feet
Figure 13	1,2-DCA in Soil, 20 feet
Figure 14	1,2-DCA in Soil, 25-30 feet
Figure 15	1,2-DCA in Soil, 35 feet
Figure 16	VC in Soil, 0-15 feet
Figure 17	VC in Soil, 20 feet
Figure 18	VC in Soil, 25-30 feet
Figure 19	VC in Soil, 35 feet
Figure 20	Unit A – 1,2-DCA Isoconcentration Map, April 2010
Figure 21	Unit A – Vinyl Chloride Isoconcentration Map, April 2010
Figure 22	Unit B – 1,2-DCA Isoconcentration Map, April 2010
Figure 23	Unit B – Vinyl Chloride Isoconcentration Map, April 2010
Figure 24	Unit C – 1,2-DCA Isoconcentration Map, April 2010
Figure 25	Unit C – Vinyl Chloride Isoconcentration Map, April 2010
Figure 26	Unit D – 1,2-DCA Isoconcentration Map, April 2010
Figure 27	Unit D – Vinyl Chloride Isoconcentration Map, April 2010
Figure 28	EISB Well Location Map

## LIST OF TABLES

<u>Table</u>	<u>Title</u>
Table 1	VOCs in Soil, July 2009
Table 2	VOCs in Groundwater, April 2010

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## ACRONYMS AND ABBREVIATIONS

<b>Abbreviation</b>	<b>Term</b>
ARCO	Atlantic Richfield Company
bgs	Below ground surface
BP	British Petroleum
CDWR	California Department of Water Resources
COCs	Chemicals of concern
DCA	Dichloroethane
DTSC	California Department of Toxic Substances Control
EISB	Enhanced in-situ anaerobic bioremediation
ft/ft	Feet per foot
GOU	Groundwater Operable Unit
GWFS	Groundwater Feasibility Study
ICs	Institutional controls
LRL	Laboratory reporting limit
LUC	Land use covenant
MCL	Maximum contaminant level
MDL	Method detection limit
µg/L	Micrograms per liter
mg/kg	Milligrams per kilogram
MNA	Monitored natural attenuation
MSL	Mean sea level
NCP	National Oil and Hazardous Substances Contingency Plan
ppm	Parts per million
ppmv	Parts per million by volume
PVC	Polyvinyl chloride
RAA	Remedial Action Alternative
RAP	Remedial Action Plan
RDIP	Remedial Design and Implementation Plan
SMC	Stauffer Management Company LLC
SOU	Soils Operable Unit
TCE	Trichloroethene
TOC	Total organic carbon
VC	Vinyl chloride
VLE	Vapor and Liquid Extraction
VOC	Volatile Organic Compound

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## EXECUTIVE SUMMARY

This document presents a summary of environmental conditions for the Stauffer Management Company LLC (SMC) Site located at 2112 East 223<sup>rd</sup> Street in Carson, California (**Figure 1**). Chemical manufacturing operations were conducted at the Site from 1959 until 1982. Soil and groundwater beneath the Site are impacted with volatile organic compounds (VOCs) associated with the former chemical manufacturing operations. The purpose of this document is to provide a summary of the environmental conditions, investigations, and remedial operations at the Site in support of future property transfer.

**Site Investigation:** Under oversight by the California Department of Toxic Substances Control (DTSC), SMC has fully investigated the extent of VOCs in soil and groundwater beneath the Site. Soil investigations were conducted at the Site between 1982 and 1995 and included a total of 65 soil borings with more than 250 soil samples collected at depths between 1 and 40 feet below ground surface (bgs). Groundwater investigations were conducted at the Site between 1986 and 2006, which included installation and sampling of 38 on-property monitoring wells and 19 off-property monitoring wells. Groundwater conditions beneath the Site have been monitored semi-annually from the SMC-owned wells since 1994.

**Soil Remedy:** The *Remedial Action Plan* (RAP) for the Soils Operable Unit (SOU) was issued in 1997 and addressed unsaturated and saturated soils between surface and 35 feet bgs. A high vacuum vapor-liquid extraction (VLE) system was constructed at the Site in 1998. Through November 2010, the VLE system has removed an estimated 293,000 pounds of vapor-phase VOCs from shallow soils overlying groundwater. However, the VLE system will not remove all VOCs from subsurface soils and some residual VOCs will be left in place over isolated areas at depths between 25 and 35 feet bgs. The human health risk assessment (HHRA) conducted for the Site in 2003 identified risk-based cleanup goals for varying exposure scenarios including commercial/industrial worker exposure to shallow soils (0 to 15 feet bgs), deep soils (>15 feet bgs), shallow groundwater, and deep groundwater. No VOCs remain in shallow soils (0 to 15 feet bgs) at concentrations which pose an unacceptable risk to human health under commercial and industrial exposure scenarios, and therefore, there will be no restrictions on the handling or management of soils between surface and 15 feet bgs. Following shut down of the VLE system, VOC concentrations exceeding the inhalation risk-based cleanup goal may remain in isolated “hot spots” in the deeper soils (>15 feet bgs). To protect human health against potential inhalation risks, a land use covenant (LUC) will be executed requiring a vapor barrier for any buildings constructed at the property.

The LUC will additionally prohibit activities which disturb soils at depths greater than 15 feet bgs eliminating health risks associated with dermal contact or ingestion of deep soils.

Groundwater Remedy: The RAP for the Groundwater Operable Unit (GOU) was issued in 2009 and addressed groundwater-bearing units beneath the Site between approximately 40 and 300 feet bgs. The *Groundwater Remedial Design and Implementation Plan* was approved by DTSC in April 2010. The groundwater remedy selected for the Site includes institutional controls and enhanced in-situ anaerobic bioremediation (EISB). The EISB system is designed to remediate VOC impacts to groundwater within the three uppermost groundwater bearing units at the Site. Within each aquifer unit, groundwater will be extracted at the downgradient Property boundary, amended with electron donors, and re-injected at the upgradient Property boundary and/or dissolved VOC plume boundary to enhance biological degradation (reductive dechlorination) of the VOCs under anaerobic conditions. An 80-foot wide by 85-foot long EISB treatment compound will be located in the southern corner of the Property (**Figure 28**). The remainder of the EISB system will be constructed below ground or flush-mounted with traffic-rated lids to support redevelopment of the Property.

Remedy Schedules: SMC expects to seek DTSC concurrence to terminate the existing VLE system in 2011. Once termination is authorized by DTSC, the VLE wells, aboveground piping, and treatment compound would be abandoned and demolished. The portion of the property currently occupied by the VLE system will then be available for redevelopment. Construction of the EISB system will be completed during Second Quarter 2011. The duration of groundwater remedial operations in the on-Site areas is estimated to be 5 years based on groundwater modeling, but could take longer. After 5 years, additional treatment may be required over a portion of the uppermost water-bearing unit to address residual VOCs leaching down from the overlying aquitard soils, if any.

Conclusion: Soil remedial actions at the Site are nearly complete, and groundwater remedial actions are currently under construction. The combination of remedial action and institutional controls will protect human health and the environment at the Site in both the short and long-term. Following completion of the soil remedial action, construction of the groundwater remedial system, and execution of the LUC, the Site will be available for redevelopment and fully protective of human health in the short and long-term.

## 1.0 INTRODUCTION

This document presents a summary of environmental conditions for the Stauffer Management Company LLC (SMC) Site located at 2112 East 223<sup>rd</sup> Street in Carson, California (Site). A Site location map is provided as **Figure 1**. Chemical manufacturing operations were conducted at the Site from 1959 until 1982. Soil and groundwater beneath the Site are impacted with volatile organic compounds (VOCs) associated with the former chemical manufacturing operations. Under oversight by the California Department of Toxic Substances Control (DTSC), SMC has fully investigated the extent of VOCs in soil and groundwater beneath the Site. Remediation of VOCs in soil has been on-going at the Site since 1998 and is expected to conclude in late 2011 following DTSC approval. SMC is currently constructing the groundwater remediation system at the Site with startup expected during Second Quarter 2011. Although modeling indicates groundwater remedial operations will be required for approximately 5 years over the majority of the Site, remediation may take longer. However, the system infrastructure will be located around the perimeter of the property and is not expected to significantly interfere with Site redevelopment. The purpose of this document is to provide a summary of the environmental conditions, investigations, and remedial operations at the Site in support of future property transfer.

The following sections of this report summarize the environmental status of the Site and remedial programs including:

- Section 1.1: Site Description and Background
- Section 1.2: Local Geology and Hydrostratigraphic Units
- Section 2.0: Status of Soil Remediation
- Section 3.0: Extent of VOCs Remaining in Soil
- Section 4.0: Extent of VOCs in Groundwater
- Section 5.0: Description of Groundwater Remedy
- Section 6.0: References

### 1.1 SITE DESCRIPTION AND BACKGROUND

The SMC Site consists of 25 acres. The 14-acre western parcel of the Site is owned by SMC (**Figure 2**). The eastern 11 acres of the Site property were previously owned by the estate of Idonna Coon and leased to Atlantic Richfield Company (ARCO), now British Petroleum (BP). ARCO in turn subleased the

eastern 11 acres to Stauffer Management Company until termination of the sublease by ARCO and Stauffer Management Company on December 31, 1998. The City of Carson acquired the eastern 11 acres in 2003. In 2008, BP purchased 6 acres of the 11-acre eastern parcel from the City of Carson while the remaining 5 acres have been retained by the City.

Manufacturing operations began as the American Chemical Company, a joint venture between Stauffer Chemical Company and ARCO in 1959. In 1974, Stauffer Chemical acquired ARCO's interest in the American Chemical Company and continued manufacturing operations until 1982. Most of the structures at the Site were demolished by 1985. In 1987, Atkemix Thirty Seven Inc., a subsidiary of Stauffer Management Company, became the owner of the western 14 acres of the Site property as a result of a divestiture of Stauffer Chemical Company. In December 2000, Stauffer Management Company and Atkemix Thirty Seven Inc. merged, resulting in the formation of Stauffer Management Company LLC.

The former manufacturing plant produced polyvinyl chloride (PVC) resin utilizing 1,2-dichloroethane (1,2-DCA) and vinyl chloride (VC) as manufacturing intermediates. Most of the manufacturing operations and chemical storage activities occurred in the western and central portions of the Site. A stormwater retention basin was located in the southern portion of the Site. Office buildings, warehouses, a laboratory, and parking occupied the northern portion of the Site.

## 1.2 SITE INVESTIGATIONS

Subsurface investigations performed at the Site since 1982 have identified the presence of residual chemicals associated with former manufacturing operations. Details regarding historical operations and previous subsurface investigations are provided in the following documents:

- *Phase I Remedial Investigation Report* (ENSR, 1995)
- *Phase II Groundwater Remedial Investigation Report* (ENSR, 1999a)
- *Supplemental Phase II Groundwater Remedial Investigation Report* (ENSR, 1999b)
- *Stage 2 VLE Engineering Design Package* (Earth Tech, 2000a)
- *On-Site Groundwater Monitoring Well Installation Report* (Earth Tech, 2002)
- *Off-Site Groundwater Monitoring Well Installation Report* (Earth Tech, 2004)
- *Addendum Off-Site Groundwater Monitoring Well Installation Report* (Earth Tech, 2006a)
- *Groundwater Monitoring Reports, 1994 to present* (ENSR and Earth Tech/AECOM)

### **Soil Investigation Activities**

Soil investigations were conducted at the Site in 1982, 1986, and 1995 under oversight by DTSC. A total of 65 soil borings were drilled at the site during these investigations, and in excess of 250 soil samples were collected at depths between 1 and 40 feet bgs. Soil investigation results are presented in the *Phase I Remedial Investigation Report*. The extent of VOCs in soil prior to remediation was further documented in 1998 and 2000 by collecting and analyzing soil samples from 106 soil remediation wells and 10 monitoring points. Results from the 1998 and 2000 baseline soil sampling were presented in the *Stage 2 Engineering Design Package* (Earth Tech, 2000a). The primary chemicals of concern (COCs) at the Site are 1,2-DCA, VC, and TCE. Other VOCs are present in soil at the Site but occur less frequently and in lower concentrations.

Since 1998, the concentrations of VOCs in soil have been significantly reduced by soil remedial operations. Soil samples were collected at the Site between 2004 and 2009 to track the progress of the remedy and reduction in VOC concentrations. The extent of VOCs remaining in soil at the Site as of 2009 is presented in Section 3.0.

### **Groundwater Investigation Activities**

Groundwater investigations were conducted at the Site between 1986 and 2006 under oversight by the DTSC. Groundwater conditions were investigated by installing and sampling a total of 57 monitoring wells including 38 on-property wells and 19 off-property wells. Groundwater conditions beneath the Site have been monitored semi-annually from the SMC-owned wells since 1994. Additionally, groundwater conditions have been monitored annually from more than 40 off-Site wells owned by others and located at the surrounding properties. Phase II groundwater investigation results were reported in 1999, and supplemental groundwater investigation results were reported in 2002 through 2006.

The extent of VOCs in groundwater beneath the Site is presented in Section 4.0. Since groundwater remedial operations will begin in 2011, the results presented in this section reflect pre-remediation VOC concentrations.

### **1.3 OPERABLE UNITS**

For remedial purposes, the Site has been divided into the Soils Operable Unit (SOU) and the Groundwater Operable Unit (GOU).

#### **1.3.1 SOILS OPERABLE UNIT (SOU)**

The *Remedial Action Plan* (RAP; ENSR, 1997) for the SOU was issued in 1997 and addressed unsaturated and saturated soils between surface and 35 feet below ground surface (bgs). A high vacuum vapor-liquid extraction (VLE) system was constructed at the Site in 1998 in accordance with the *Soils Remediation Design and Implementation Plan* (RDIP; Fluor Daniel GTI, 1998). VLE operations began in 1998 from the Stage 1 area containing 16 multi-phase extraction wells. The VLE system was subsequently expanded in 2000 to include the Stage 2 area and an additional 90 extraction wells in accordance with the *RDIP Addendum* (Earth Tech, 2000b).

In 2007, a pneumatic fracturing pilot test was performed to evaluate whether fracturing of the shallow saturated aquitard would enhance the VOC-removal capability of the VLE system. The *Pneumatic Fracturing Pilot Test Report* was submitted to Department of Toxic Substances Control (DTSC) in October 2007 (Earth Tech, 2007) and the results from the testing were incorporated into the remedial action alternatives (RAAs) evaluated in the *Final Groundwater Feasibility Study* (GWFS; Earth Tech/AECOM, 2009a). Pneumatic fracturing and conversion of the fracturing locations to VLE wells were used to enhance the VLE system in August 2008. Through November 2010, the VLE system has removed an estimated 293,000 pounds of vapor-phase VOCs from shallow soils overlying groundwater.

#### **1.3.2 GROUNDWATER OPERABLE UNIT (GOU)**

The *Draft RAP* for the GOU (Earth Tech, 2009b) was approved by DTSC in June 2009 (DTSC, 2009) and addressed groundwater-bearing units beneath the Site between approximately 40 and 300 feet bgs. A description of the hydrogeologic units beneath the Site is provided in Section 1.4. The Final RAP and response to public comments was informally approved by DTSC<sup>1</sup>, and the *Groundwater Remedial Design and Implementation Plan* (AECOM, 2009) was approved by DTSC in April 2010 (DTSC, 2010). Construction of the groundwater remedy is currently underway and is scheduled to be completed during

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<sup>1</sup> Formal approval of the Final RAP is still pending.



Second Quarter 2011. The groundwater remedy is designed to reduce the concentration of dissolved-phase VOCs in accordance with State regulatory requirements and remedial action objectives. A description of the groundwater remedy for the Site is provided in Section 5.0.

#### 1.4 LOCAL GEOLOGY/HYDROSTRATIGRAPHIC UNITS

The geologic interpretation of the site area is based on the examination of on-Site and off-Site borings to a depth of over 400 feet below ground surface (bgs). Over this investigation depth, the Site is underlain by five coarse-grained water-bearing alluvial deposits, denoted as Units A, B, C, D, and E, that are separated by fine-grained aquitards. The alluvial deposits dip generally to the northeast at gradients ranging from 0.02 to 0.06. The generalized stratigraphic column provided as **Figure 3** shows the general distribution of sediments beneath the Site along the regional groundwater flow direction. The following sections describe the water-bearing units and their correlation to regional hydrogeology.

- **Surficial Aquitard:** Surficial fine-grained sediments beneath the Site extend from grade to approximately 35 feet bgs. These sediments are consistent with fine-grained materials that underlie surrounding facilities to the north, south, and west, and fit the description, apparent thickness, and basal elevation of the Bellflower aquitard (California Department of Water Resources [CDWR], 1961). The materials of the surficial aquitard become saturated at approximately 20 to 25 feet bgs. The aquitard appears to perform as a confining layer to the underlying Unit A water-bearing zone. Based on results from the confirmation testing in 2007, total organic carbon (TOC) in the soil in this aquitard are high, ranging from 4,200 milligrams per kilogram (mg/kg) in boring SB32-15 to 11,000 mg/kg in boring SB12-35. High TOC concentrations will tend to increase the amount of VOC adsorption within the aquitard and conversely decrease the amount of VOC desorption.
- **Unit A Water-bearing Zone:** The Unit A water-bearing zone ranges from 4 to 50 feet in thickness and underlies the surficial aquitard across the SMC Site. Unit A is saturated and under confined conditions on-Site, and the base of the unit generally dips to the northeast at a gradient of 0.06 feet per foot (ft/ft). The unit thickens to the northeast and thins rapidly to the west and southwest, potentially pinching out southwest of the SMC Site (near Dominguez Channel and Wilmington Avenue). A groundwater elevation map from April 2010 is provided as **Figure 4**.

Within the dissolved plume boundaries, Unit A extends off-Site in all directions and appears to be in hydraulic communication with several sandy zones underlying the BP facility. Two possible correlations can be made to regional aquifers. Unit A correlates as either the Semiperched Aquifer of Recent geologic age (CDWR, 1961), or alternately, Unit A could be interpreted as upper-member sediments that filled the Dominguez Gap, making it part of the Gaspur Aquifer (Zielbauer et. al., 1962).

- **A/B Aquitard:** The A/B aquitard ranges in thickness from 8 to 59 feet and continuously underlies Unit A. These fine-grained sediments contain discontinuous sandy lenses that may provide preferential flow paths within the aquitard. The A/B aquitard extends off Site in all directions and

possibly merges with the surficial aquitard to the south. Fine-grained sediments discontinuously underlie the northern portion of the BP refinery at a comparable depth with the A/B aquitard (RETEC, 1997). These sediments are consistent with the Bellflower aquitard of either Recent or Upper Pleistocene geologic age (Zielbauer et. al., 1962). TOC between A and B aquitard is significantly lower than that in the surficial aquitard, ranging from 297 mg/kg in boring EB-4 to 388 mg/kg in boring SB-32.

- **Unit B Water-bearing Zone:** The Unit B water-bearing zone underlies the A/B aquitard across the Site. The thickness of Unit B ranges from 4 to 29 feet and the base of the unit generally dips to the northeast at a gradient of 0.03 ft/ft. The thickest portion of the unit (20 to 25 feet) trends in a northwest-southeast direction across the center of the Site. The Unit B water-bearing zone extends off-Site in all directions and may merge with the underlying water-bearing zones near the southwestern limit of the BP facility (RETEC, 1997). The unit is saturated and under confining conditions on the SMC and Solutia sites but may become unconfined to the west. BP's water table wells to the west and its extraction wells along Wilmington Avenue may be screened in Unit B. The sediments comprising Unit B correlate as either the Gaspar Aquifer of Recent geologic age or possibly the Semiperched of Upper Pleistocene geologic age (Zielbauer et. al., 1962). A groundwater elevation map from April 2010 is provided as **Figure 5**.
- **B/C Aquitard:** The B/C aquitard underlies the Unit B water-bearing zone and ranges in thickness from 7 to 37 feet. The aquitard contains apparent discontinuous sandy lenses that may provide preferred flow paths within the aquitard. The B/C aquitard extends off-Site in all directions and may pinch out near the southwestern limit of the BP property (RETEC, 1997). TOC between B and C aquitard ranges from 268 mg/kg in boring SB-33 to 390 mg/kg in boring EB-2.
- **Unit C Water-bearing Zone:** The Unit C water-bearing zone that underlies the B/C aquitard may have an upper and lower member separated by silty sand and fine-grained beds that may be connected near the northeast corner of the Site. The thickness of Unit C ranges from 34 feet to 82 feet, and the basal portion of the unit dips gently northeast at a gradient of 0.02 ft/ft. In general, Unit C is finer-grained in the central portion of the Site. A groundwater elevation map from April 2010 is provided as **Figure 6**.

Unit C is saturated and under confining conditions and it extends off site in all directions beneath adjoining properties. Under the BP property the unit merges with the underlying water-bearing zone Unit D near the central portion of that property (RETEC, 1997). These sediments are consistent with the thickness and depth of the Gage Aquifer in the Upper Pleistocene Lakewood Formation (Zielbauer et. al., 1962).

- **C/D Aquitard:** Where investigated, the C/D aquitard is found at depths greater than -184 feet mean sea level (MSL) beneath the Site. The aquitard ranges in thickness from 34 to greater than 65 feet and appears to be relatively uniform in thickness (greater than 55+ feet), except near the northwest portion of the Site. The C/D aquitard may underlie the northern portion of the BP refinery, and apparently pinches out near the middle of that property (RETEC, 1997).
- **Unit D Water-bearing Zone:** The Unit D water-bearing zone is found at investigation depths greater than -230 feet MSL, and the thickness of the unit ranges from 20 feet to 70 feet. The unit is thickest to the northwest where a channel deposit is inferred. Unit D is saturated and under confining conditions. This unit fits the elevation and description of the Lynwood Aquifer of the Lower Pleistocene San Pedro Formation (Zielbauer et. al., 1962). It extends off-Site to the south

and west where it underlies the BP refinery and apparently merges with Unit C near the central portion of the BP property (RETEC, 1997). A groundwater elevation map from April 2010 is provided as **Figure 7**.

- **D/E Aquitard:** Where investigated, the aquitard underlying Unit D is found to depths greater than approximately 300 feet bgs underlying the SMC Site. The boring log for the only on-Site boring that penetrated this unit (MW-9E) indicates that it is 134 feet thick (i.e., approximately 320 feet to 454 feet bgs). There is a 40-foot thick clayey layer in the lower portion of this aquitard, and there is a 25-foot thick sandy bed in the upper portion of this aquitard. Otherwise, the sediments are dark bluish gray or green to black silt, clay, and to a lesser extent silty and/or clayey fine-grained sand. This silt is the aquitard separating the Lynwood and Silverado aquifers within the Lower Pleistocene San Pedro Formation (CDWR, 1961; and Zielbauer et al., 1962). This unit also underlies the BP refinery property (RETEC, 1997)
- **Unit E Water-bearing Zone:** The Unit E water-bearing zone underlies the Unit D/E Aquitard in the one well completed in this unit (MW-9E). Unit E is a water-bearing zone consisting of sandy sediments found from 454 feet to 490 feet bgs. There is a fine-grained layer (probably discontinuous) from 469 feet to 474 feet bgs resulting in a composite thickness of the water-bearing materials of 31 feet. The screened interval of MW-9E is located between 458 feet and 468 feet bgs, which is the upper portion of this water-bearing zone. Unit E is under confining conditions in MW-9E. These sediments fit the elevation and description of either a lower member of the Lynwood Aquifer or an upper member of the Silverado Aquifer, both of the Lower Pleistocene San Pedro Formation (Zielbauer et al., 1962).

MW-9E is the deepest completed well at the SMC Site at a depth of 468 feet bgs. However, the boring for this well was extended to a total depth of 543 feet bgs to determine the lithology of materials underlying Unit E. The following describe these materials:

- **Aquitard Underlying Unit E:** Silts, clays, and to a lesser extent silty and/or clayey sand were logged at 490 feet to 532 feet bgs (42 feet thick) in the exploratory extension of the MW-9E boring. The silts and clays are primarily an olive gray color. From a depth of about 521 feet to 525 feet bgs the sediments are very clayey.
- **Unit F Water-bearing Zone:** The last 11 feet of the exploratory extension of MW-9E (532 feet to 543 feet bgs) penetrated sandy to gravelly sediments of unknown total thickness. These sediments are identified as the Unit F water-bearing zone, and they are saturated and under confining conditions. These sediments fit the elevation and description of the Silverado Aquifer and are likely an upper member of this aquifer (CDWR, 1961; and Zielbauer et al., 1962). The sands range from fine to coarse and contain about 5 to 10 percent gravel up to 0.3-inches in diameter.

## 2.0 STATUS OF SOIL REMEDY

Soils at the Site are being remediated by VLE. VOC-impacted soil vapors and shallow groundwater are simultaneously extracted using high vacuum. The soil vapors are treated on Site using a high temperature thermal oxidizer before being discharged to atmosphere under a permit from the South Coast Air Quality Management District. The shallow groundwater is treated on Site using air stripping before being discharged to the industrial sewer under a permit from the Los Angeles County Sanitation Districts.

VLE system operations began in September 1998 and are on-going. As of November 1, 2010, the VLE system has operated for nearly 87,000 hours and removed approximately 293,000 pounds of vapor phase VOCs from the subsurface (**Figure 8**). VOC mass removal rates have declined from a peak of 24.7 lbs/hour in May 1999 to 1.0 lbs/hour in October 2010. Inlet vapor-phase VOC concentrations at the treatment system have decreased from a peak of 1,322 ppmv in May 1999 to 53 ppmv in September 1999, a 96% reduction (**Figure 9**).

VOC impacted soil vapors and groundwater have been extracted from a total of 125 shallow wells at the Site (**Figure 10**). The wells were screened between 8 and 35 feet bgs. Residual VOCs exist in saturated low permeability soils primarily at depths between 25 and 35 feet bgs over isolated areas or “hot spots”. Currently, only 26 VLE wells still contain VOC concentrations in soil vapor exceeding 50 ppmv.

VLE operations were enhanced in 2008 using pneumatic fracturing. Saturated soils between 25 and 35 feet bgs were pneumatically fractured at 45 locations, which enhanced the permeability of subsurface soils. A number of the fracture locations were subsequently converted to new VLE wells.

The VLE system is not expected to remove all residual VOCs from subsurface soils. Some residual VOCs will be left in place over isolated areas at depths between 25 and 35 feet bgs. The low permeability saturated soils over this depth significantly restrict soil vapor and groundwater flow resulting in less than complete remediation of the affected soils. The human health risk assessment (HHRA) conducted for the Site in 2003 identified risk-based cleanup goals for varying exposure scenarios (ENSR, 2003) including commercial/industrial worker exposure to shallow soils (0 to 15 feet bgs), deep soils (>15 feet bgs), shallow groundwater (Unit A), and deep groundwater (Units C or D). As a result of VLE remediation, soils between surface and 15 feet bgs contain only low concentrations of VOCs and do not pose an unacceptable health risk to commercial workers. Although the deeper vadose zones, 25 to 35 feet bgs, contain residual VOCs, this zone is too deep and the residual VOCs do not pose a risk to on-Site

commercial workers unless drilled or excavated.<sup>2</sup> Although residual VOCs in deep vadose zone soils may pose a continuing impact to Unit A groundwater, any VOCs that leach to Unit A will be treated by the groundwater remedy as described in Section 5.0.

SMC expects to seek DTSC concurrence to terminate the existing VLE system in 2011. A tentative termination criterion of 0.9 lbs per hour mass removal was previously proposed for the VLE system. At this mass removal rate, it is expected to be more cost effective to treat the residual VOCs in the subsurface using the groundwater remedy instead of by VLE. Despite system optimization and numerous enhancements over the operating period, the VOC mass removal rate at the VLE system has declined to the criterion point. In the coming months, the mass removal rate is expected to drop below the criterion point, and SMC will formally seek DTSC authorization to terminate VLE system operations. Once termination is authorized by DTSC, the VLE wells, aboveground piping, and treatment compound would be abandoned and demolished. The portion of the property currently occupied by the VLE system will then be available for redevelopment.

## **2.1 HUMAN HEALTH RISK ASSESSMENT**

A Phase II HHRA was completed in 1999 and subsequently approved by DTSC in July 2000. The Phase II HHRA was later modified to be a stand-alone document and to include risk-based preliminary remediation goals (PRGs) or cleanup goals for the various VOCs present at the Site (ENSR, 2003). In accordance with DTSC guidance, cleanup goals were calculated based on the risk of human exposure to VOCs under the following scenarios:

- On-Site commercial/industrial worker exposed to shallow unsaturated soils between surface and 15 feet bgs (dermal contact, ingestion, and inhalation pathways).
- On-Site commercial/industrial worker exposed to deep soils greater than 15 feet bgs (inhalation pathway).
- On-Site commercial/industrial worker exposed to shallow Unit A groundwater (inhalation

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<sup>2</sup> The Land Use Covenant requires engineering controls for new buildings to prevent potential vapor intrusion from deeper soils at the Site.

pathway only). This pathway assumes that shallow Unit A groundwater will not be used in the future for drinking water purposes.

- On-Site commercial/industrial worker exposed to deep Unit C or D groundwater (dermal contact, ingestion, and inhalation pathways). This pathway assumes that deep Unit C or D groundwater may be used in the future for drinking water purposes.

For shallow and deep soil exposure scenarios, the HHRA identified only four VOCs at the Site with the potential for human risk levels greater than  $1 \times 10^{-6}$  including: 1,2-DCA, VC, 1,1,2-trichloroethane (1,1,2-TCA), and 1,1-dichloroethene (1,1-DCE). Cleanup goals in soil were calculated for these four VOCs assuming an estimated lifetime cancer health risk of  $1 \times 10^{-5}$  as follows:

VOC Constituent	Cleanup Goal at $1 \times 10^{-5}$ ELCR (mg/kg)	
	Shallow Soils <sup>1</sup> (0-15 feet bgs)	Deep Soils <sup>2</sup> (>15 feet bgs)
1,2-DCA	29.70	81.90
VC	0.37	0.37
1,1-DCE	1.91	1.91
1,1,2-TCA	42.80	42.80

Note:

ELCR = Estimated Lifetime Cancer Risk

mg/kg = milligrams per kilogram

<sup>1</sup> Based on dermal contact, ingestion, and inhalation pathways

<sup>2</sup> Based on inhalation pathway only

For shallow and deep groundwater exposure scenarios, the HHRA identified seven VOCs at the Site with the potential for human risk levels greater than  $1 \times 10^{-6}$  including: 1,2-DCA, VC, 1,1-DCE, benzene, chloroform, TCE, and tetrachloroethylene (PCE). Cleanup goals in groundwater were calculated for these VOCs assuming an estimated lifetime cancer health risk of  $1 \times 10^{-5}$  or a hazard index of 1.0 as follows:

VOC Constituent	Cleanup Goal at 1x10 <sup>-5</sup> ELCR or HI of 1.0 (ug/L)	
	Shallow Groundwater <sup>1</sup> Unit A	Deep Groundwater <sup>2</sup> Unit C or D
1,2-DCA	530,000	57
VC	8,900	0.55
1,1-DCE	13,000	0.85
Benzene	95,000	7.7
Chloroform	NC	3.57
TCE	NC	46
PCE	NC	13

Note:

ELCR = Estimated Lifetime Cancer Risk

HI = Hazard Index

ug/L = micrograms per liter

NC = not calculated

<sup>1</sup> Based on inhalation pathway only

<sup>2</sup> Based on dermal contact, ingestion, and inhalation pathways

Human health risks at the Site in both soil and groundwater are being addressed by remediation and institutional controls as described in Sections 2, 5, and 6. Potential human health risks from exposure to VOCs will either be reduced to State-approved levels or institutional controls will be used to eliminate the exposure pathways. No unacceptable human health risks will remain at the Site following remediation and execution of institutional controls.

### 3.0 EXTENT OF VOCs IN SOIL

The concentration of VOCs remaining in soil at the Site was tested regularly between 2004 and 2009. After 5 years of VLE system operations, the progress of the remedy in reducing VOC concentrations in soils at the Site was measured by sampling soil at up to 36 locations. Progress soil borings were drilled at 36 locations in 2004, and soil samples were collected at depths between 10 and 35 feet bgs every 5 vertical feet. The performance of the VLE system over the first 5 years of operations was documented in the 5-Year Review Report submitted to DTSC in April 2006 (Earth Tech, 2006b).

As VLE operations continued, additional progress borings were drilled at the Site in 2005, 2007, and 2009 at locations where VOCs exceeded the cleanup goals specified in Section 2.1. Soil progress boring locations are mapped in **Figure 11**, and the most recent laboratory results from each of the progress soil borings is presented in **Table 1**. 1,2-DCA and VC occur most frequently in soils and at the highest concentrations, but other VOCs were detected in soil at lower frequencies and concentrations as shown in Table 1. The VLE system continues to operate and has removed an additional 15,000 pounds of VOCs since the 2009 soil progress sampling.

#### **1,2-DCA in Soil**

1,2-DCA occurs most frequently in soils, was detected in 85.5% of the soil samples, and in the highest concentrations. The distribution of 1,2-DCA in soil at the Site is summarized below by depth. VOCs in shallow soils will have the greatest impact on future commercial/industrial worker exposure scenarios (dermal contact, ingestion, and inhalation pathways), and therefore, results for soils between surface and 15 feet bgs are identified separately from deeper soils. VOCs in deeper soils (>15 feet bgs) pose a reduced health risk to future Site workers and would only be accessible by the inhalation pathway.

#### **Shallow Soils**

- **0-15 feet bgs:** 1,2-DCA concentrations in soil ranged from <0.00088 to 0.11 mg/kg as shown in **Figure 12**. None of the soil samples from this depth interval contained 1,2-DCA concentrations in excess of the risk-based cleanup goal (29.70 mg/kg).



### Deep Soils

- 20 feet bgs: 1,2-DCA concentrations in soil ranged from <0.0008 to 570 mg/kg as shown in **Figure 13**. A 1,2-DCA concentration exceeding the inhalation risk-based cleanup goal (81.9 mg/kg) was present in only one progress boring, SB-7C, located in the southern portion of the Site.
- 25-30 feet bgs: 1,2-DCA concentrations in soil ranged from <0.0008 to 1,300 mg/kg as shown in **Figure 14**. 1,2-DCA concentrations exceeding the inhalation risk-based cleanup goal (81.9 mg/kg) were present in 4 progress borings at this depth interval and occurred primarily in the southern portion of the Site.
- 35 feet bgs: 1,2-DCA concentrations in soil ranged from <0.00088 to 1,100 mg/kg as shown in **Figure 15**. 1,2-DCA concentrations exceeding the inhalation risk-based cleanup goal (81.9 mg/kg) were present in 7 progress borings at this depth and occurred primarily in the southern portion of the Site.

The 1,2-DCA concentrations in soil referenced above reflect the remediation status as July 2009. Based on the July 2009 soil progress sample results, an estimated 29,300 pounds of 1,2-DCA remained in soils at the Site. The VLE system continues to operate and has removed an additional 15,000 pounds of VOCs since that time.

### VC in Soil

VC was detected in 47.6% of the soil samples, and the distribution of VC in soil at the Site is summarized as follows:

#### Shallow Soils

- 0-15 feet bgs: No VC was detected in soil at this depth interval as shown in **Figure 16**.

#### Deep Soils

- 20 feet bgs: VC was detected in 3 of 17 soil samples at concentrations of 0.011 (SB-11C), 0.11 (VB-9B), and 17 mg/kg (SB-7C) as shown in **Figure 17**. A VC concentration exceeding the inhalation risk-based cleanup goal (0.37 mg/kg) was present in only one progress boring at this depth, SB-7C, located in the southern portion of the Site.

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- 25-30 feet bgs: VC was detected in 19 of 38 soil samples and ranged from <0.00088 to 24 mg/kg (SB-7C) as shown in **Figure 18**. VC concentrations exceeding the inhalation risk-based cleanup goal (0.37 mg/kg) were present in 7 progress borings at this depth interval and occurred primarily in the southern portion of the Site.
  - 35 feet bgs: VC was detected in 14 of 19 soil samples and ranged in concentration from <0.00096 to 23 mg/kg (SB-7C) and averaged less than 3 mg/kg as shown in **Figure 19**. VC concentrations exceeding the inhalation risk-based cleanup goal (0.37 mg/kg) were present in 10 progress borings at this depth and occurred primarily in the southern portion of the Site.

The highest VOC concentrations remaining at the Site occur in deep soils within isolated areas or “hot spots” predominantly occurring in the central and southern portions of the property. There are no remaining “hot spots” occurring within shallow soils at the Site. The lowest VOC concentrations remaining in soil occur in the northern and western portions of the Site.

#### 4.0 EXTENT OF VOCs IN GROUNDWATER

The extent of VOCs in groundwater beneath the Site is monitored semi-annually. Dissolved VOCs are present in Units A through D occurring at depths between 40 and 300 feet bgs. VOC concentrations are highest in Unit A and decrease with increasing depth. No VOCs are detected in Unit E groundwater beneath the Site at approximately 465 feet bgs.

Historically, 1,2-DCA has been detected at the highest concentrations and over the largest area. Based on the results of the April 2010 groundwater sampling event (AECOM, 2010), the extent of 1,2-DCA and VC in Units A through D are summarized below and mapped in **Figures 20 through 27** for Units A through D, respectively. Other VOCs are detected in groundwater but at lower frequencies and concentrations. All VOCs detected in groundwater during the April 2010 sampling event are presented in **Table 2**.

##### Unit A

1,2-DCA was detected in 12 of the 15 on-Site and 25 of the 32 off-Site Unit A monitoring wells in April 2010 (**Figure 20**). 1,2-DCA concentrations on-Site ranged from 0.47 to 67,000 micrograms per liter ( $\mu\text{g/L}$ ). 1,2-DCA concentrations in off-Site wells ranged from 0.31 to 72,000  $\mu\text{g/L}$ . The highest concentrations of 1,2-DCA on-Site were detected in the north-central and central portions of the Site. The lowest concentrations were detected in the west and northeast portions of the Site, cross-gradient and up-gradient respectively. 1,2-DCA has been delineated to its maximum contaminant level (MCL) in all areas.

VC was detected in 14 of 15 on-Site Unit A wells and 11 of the 32 off-Site Unit A wells during the April 2010 sampling event (**Figure 21**). VC concentrations in on-Site wells ranged from 3.7 to 6,000  $\mu\text{g/L}$ . VC was detected in 19 of the 32 off-Site Unit A wells analyzed at concentrations ranging from 0.63 to 2,700  $\mu\text{g/L}$ . The highest on-Site VC concentrations in Unit A were observed in the central and south-central portions of the Site. The lowest on-Site VC concentrations were detected in the western and northeastern portions of the Site, cross-gradient and up-gradient respectively. VC has been delineated to its MCL in all areas.

## **Unit B**

1,2-DCA was detected in 12 of the 13 on-Site Unit B wells and in 9 of the 10 off-Site Unit B wells during the April 2010 sampling event (**Figure 22**). 1,2-DCA concentrations in on-Site wells ranged from 0.63 to 55,000 µg/L. 1,2-DCA in off-Site wells ranged from 2.7 to 79,000 µg/L. The highest on-Site 1,2-DCA concentrations were observed in the western and southern portions of the Site. The lowest concentrations were observed in the north-central and eastern portions of the Site. 1,2-DCA has been delineated to its MCL in all areas except to the northwest (cross-gradient) of the SMC Site.

VC was detected in 12 of the 13 on-Site Unit B wells and in 8 of the 10 off-Site Unit B wells during the April 2010 sampling event (**Figure 23**). VC concentrations in on-Site wells ranged from 0.54 to 13,000 µg/L. VC concentrations in off-Site wells ranged from 0.9 to 8,800 µg/L. The highest VC concentrations were observed in the northwest and southwest portions of the Site while the lowest concentrations were observed in the northeastern portion of the Site. VC has been delineated to its MCL in all areas except to the northwest (cross-gradient) of the SMC Site.

## **Unit C**

1,2-DCA was detected in 10 of the 16 Unit C wells, combined on- and off-Site, during the April 2010 sampling event (**Figure 24**). 1,2-DCA concentrations in wells ranged from 0.39 to 5,400 µg/L. The highest 1,2-DCA concentrations in Unit C were observed in the central and northwest portions of the Site. The lowest concentrations were detected in the eastern, northeastern, and west portions of the Site. 1,2-DCA has been delineated to its MCL in all areas except to the northwest (cross-gradient) of the SMC Site.

VC was detected in 7 of the 16 Unit C wells, combined on- and off-Site, during the April 2010 sampling event (**Figure 25**). VC concentrations ranged from 22 to 1,600 µg/L. The highest on-Site VC concentrations in Unit C were detected in the samples collected from the central and northwest portions of the Site. The lowest concentrations were detected in the eastern portions of the Site. VC has been delineated to its MCL in all areas with the exception of area northwest (cross-gradient) of the SMC property.

### **Unit D**

1,2-DCA was detected in 2 of the 7 Unit D monitoring wells, combined on- and off-Site, during the April 2010 sampling event (**Figure 26**). 1,2-DCA was detected at concentrations of 2.0 and 9.2 µg/L with the highest concentration occurring in the northwest portion of the Site. 1,2-DCA was not detected above the laboratory reporting limit of 0.5 µg/L in the other Unit D wells. 1,2-DCA has been delineated to its MCL in all areas except to the southwest of the SMC Site.

VC was detected in 2 of 7 Unit D wells, combined on- and off-Site, during the April 2010 sampling event (**Figure 27**). VC was detected at concentrations of 0.44 and 1.5 µg/L with the highest concentration occurring in the northwest portion of the Site. VC was not detected above the laboratory reporting limit of 0.5 µg/L in the other Unit D wells. VC has been delineated to its MCL in all areas.

### **Unit E**

During the April 2010 sampling event, 1,2-DCA and VC were not detected at concentrations above the laboratory reporting limit of 0.5 µg/L in Unit E.

## 5.0 DESCRIPTION OF GROUNDWATER REMEDY

The groundwater remedy selected for the Site includes the following four components:

1. Enhanced in-situ anaerobic bioremediation (EISB) with groundwater extraction and electron donor addition in the on-Site areas
2. Continued short-term operation of the enhanced VLE system in soils overlying groundwater
3. Institution controls (ICs)
4. Monitored natural attenuation (MNA) in the off-Site areas

A short description of each remedial component is described in the following sections.

### 5.1 INSTITUTIONAL CONTROLS

The ICs for the Site will include the following:

- **Deed Restriction:** A Land Use Covenant (LUC) will be executed to restrict Site use for commercial or industrial purposes<sup>3</sup>. The LUC will exclude future Site uses which are not consistent with the residual chemicals present in soil and groundwater including for residential purposes or other forms of sensitive receptors such as schools or daycare facilities. The LUC will additionally prohibit drilling groundwater wells and extraction of groundwater except as approved by DTSC.
- **Site Access:** Access restrictions and security are in place for the existing VLE system and will remain in effect during continued VLE operations. Following termination and abandonment of VLE system operations, no access restrictions will be required. Access to the EISB treatment compound will be restricted using a locked fence around the compound and other security measures to prevent unauthorized entry.
- **Engineering Controls:** The LUC will require that a vapor barrier be included for any new buildings constructed at the property (e.g., polyethylene liner, Liquid Boot®, or equivalent physical barrier). This engineering control will prevent vapor intrusion and protect indoor air quality in the long-term.

The ICs presented above will be effective in preventing human exposure to Site related chemicals both in the short-term during groundwater remediation and in the long-term after remediation is complete.

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<sup>3</sup> A draft LUC has been prepared in accordance with DTSC policies and model deed restriction.

## 5.2 SHORT-TERM OPERATION OF ENHANCED VLE SYSTEM

Continued short-term operation of the enhanced VLE system is expected to further reduce the remaining VOC mass overlying groundwater at the Site. While the VLE system will not completely remove the residual VOC mass from the saturated aquitard overlying Unit A, it is expected to reduce the mass to a point where it is more economic to treat the remaining mass using the EISB system than the current system. VLE operations are expected to reach the economic cutoff threshold sometime in 2011 and will be terminated following approval from DTSC.

## 5.3 ENHANCED IN-SITU BIOREMEDIATION

The EISB system is designed to remediate VOC impacts to groundwater in Units A, B, and C within the on-Site areas<sup>4</sup>. Within each aquifer unit, groundwater will be extracted at the downgradient Property boundary, amended with electron donors (sodium lactate and ethanol), and re-injected at the upgradient Property boundary and/or dissolved VOC plume boundary to enhance reductive dechlorination of the VOCs under anaerobic conditions. The effectiveness of EISB to reduce Site VOCs to non-toxic end products by reductive dechlorination was previously demonstrated during field pilot testing (Geosyntec 2003).

A total of 16 groundwater extraction wells have been installed along the downgradient Property boundary (west and south) within Units A through C. A total of 19 groundwater injection wells have been installed along the upgradient Property boundary (east and north) within Units A through C. An additional 7 groundwater injection wells have been installed within the former sublease area owned by the City of Carson and located adjacent to the SMC Property. Each well is protected by a flush-mounted and traffic-rated concrete vault. The location of the wells is shown in **Figure 28**.

Groundwater will be pumped from the extraction wells through underground piping located along the Property boundary to the EISB treatment compound. The 80-foot wide by 85-foot long treatment compound is located in the southeastern corner of the Property as shown in Figure 28. A 26-foot wide road is located along the eastern Property boundary to provide vehicle access to the EISB treatment compound. At the treatment compound, groundwater will be amended with electron donor chemicals and then pumped to the injection wells through underground piping. The electron donors will be distributed by the

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<sup>4</sup> VOC impacts to Unit D are very limited, and no active remediation is planned for this unit.

groundwater flow to enhance the rate of anaerobic degradation of the dissolved VOCs throughout the aquifer units.

#### **5.4 MONITORED NATURAL ATTENUATION**

On-Site source control, coupled with monitored natural attenuation is planned for off-Site groundwater and would be conducted concurrently with EISB for on-Site remediation. Natural attenuation relies on natural processes that include various intrinsic physical, chemical, and biological processes that are occurring to reduce VOCs in groundwater. Treatment of the on-Site source area by EISB will significantly reduce or eliminate further mass flux of VOCs to the off-Site areas. Once the on-Site source area is treated and off-Site VOC migration has stopped, the effectiveness of MNA in reducing dissolved VOC concentrations in the off-Site areas is expected to increase. The MNA program would consist of semi-annual monitoring and sampling of off-Site groundwater monitoring wells to ensure that natural attenuation processes are occurring.

#### **5.5 IMPLEMENTATION SCHEDULE**

Construction of the EISB system will be completed during Second Quarter 2011. The duration of groundwater remedial operations in the on-Site areas is estimated to be 5 years based on groundwater modeling, but could take longer. After 5 years, additional treatment may be required over a portion of Unit A to address residual VOCs leaching down from the overlying aquitard soils, if any. The progress of the groundwater remedy will be routinely monitored by sampling groundwater monitoring wells, quarterly during the first year and semi-annually thereafter. The progress of the groundwater remedy will be routinely reported to DTSC on a monthly, quarterly, and semi-annual basis.



## 6.0 CONCLUSION

The combination of soil remediation, groundwater remediation, and institutional controls will be fully protective of human health at the Site in both the short and long-term. Protective measures associated with each exposure scenario are summarized below.

- Shallow Soils (0-15 feet bgs): No VOCs remain in shallow soils at concentrations which pose an unacceptable risk to human health under commercial and industrial exposure scenarios. The LUC does not restrict future handling or management of soils between surface and 15 feet bgs.
- Deep Soils (>15 feet bgs): Less than 15,000 pounds of VOCs are estimated to remain in deep soils at the Site, located primarily in the central and southern portions of the property. The VLE system continues to remove VOCs from the deep soils on a monthly basis, but following remediation, VOC concentrations exceeding the inhalation risk-based cleanup goal (81.9 mg/kg for 1,2-DCA) may remain in isolated “hot spots”. To protect human health against inhalation risks, an LUC will be executed requiring a vapor barrier for any buildings constructed at the property. The LUC will additionally prohibit activities which disturb soils at depths greater than 15 feet bgs eliminating health risks associated with dermal contact or ingestion of deep soils. Any residual VOCs in deep soils which leach to Unit A groundwater will be remediated by EISB.
- Shallow Groundwater (Unit A): VOCs in Unit A groundwater at the Site will be remediated by EISB. Similar to the deep soils, human health will be protected against inhalation risks from shallow groundwater by execution of a LUC requiring a vapor barrier for any buildings constructed at the Site.
- Deep Groundwater (Units C or D): VOCs in Unit C groundwater at the Site will be remediated by EISB, and VOC concentrations in Unit D are currently close to or below State maximum contaminant levels. Human health will be protected against dermal contact, ingestion, or inhalation of deep groundwater by execution of a LUC prohibiting drilling of wells or extraction of groundwater except where approved by DTSC.

Soil remedial actions at the Site are nearly complete, and groundwater remedial actions are currently under construction. The combination of remedial action and institutional controls will protect human health and the environment at the Site in both the short and long-term. Following completion of the soil

remedial action, construction of the groundwater remedial system, and execution of the LUC, the Site will be available for redevelopment and fully protective of human health in the short and long-term.

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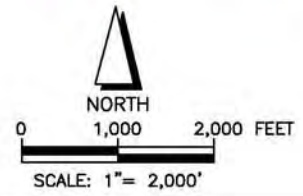
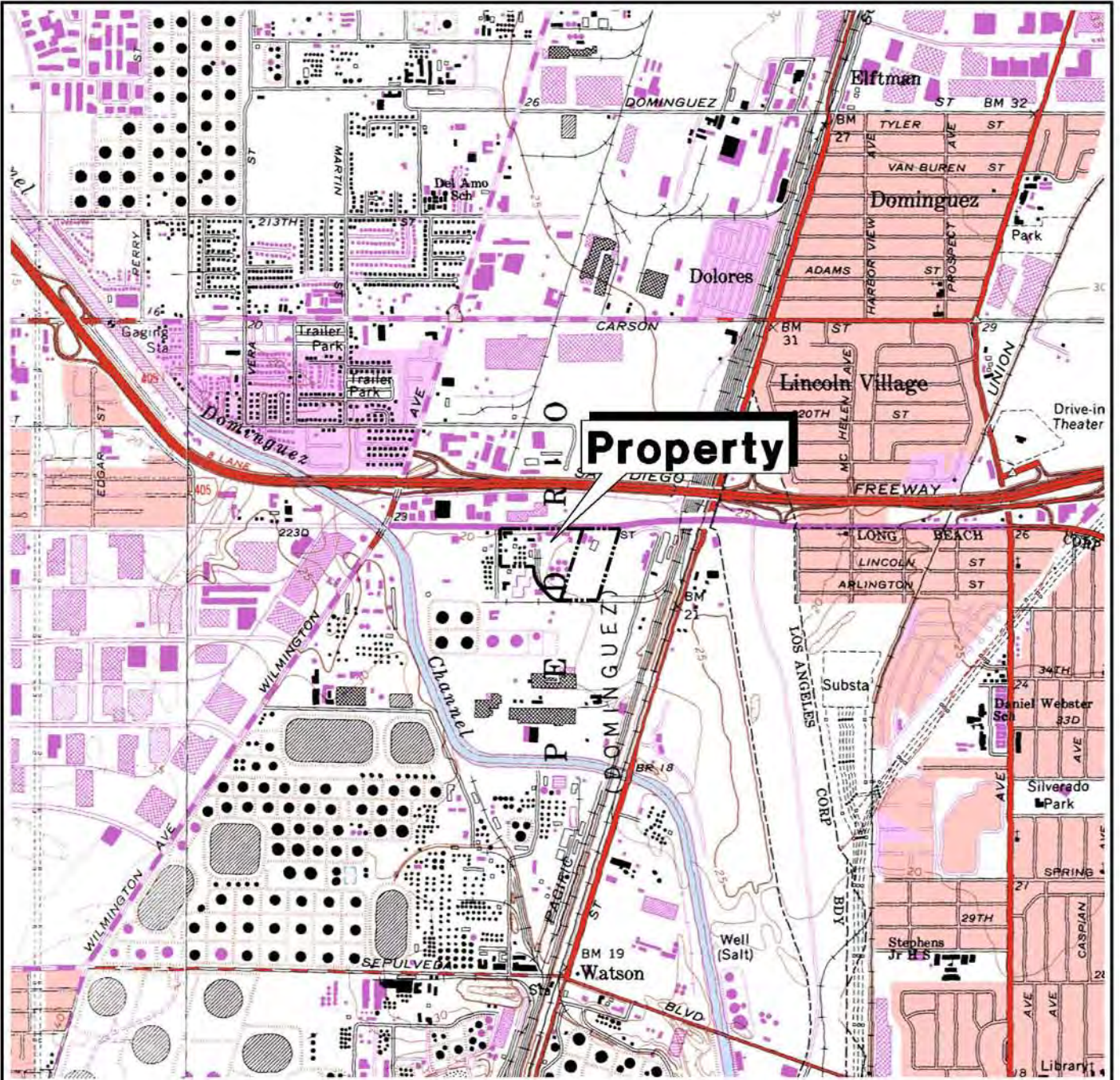
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## **FIGURES**

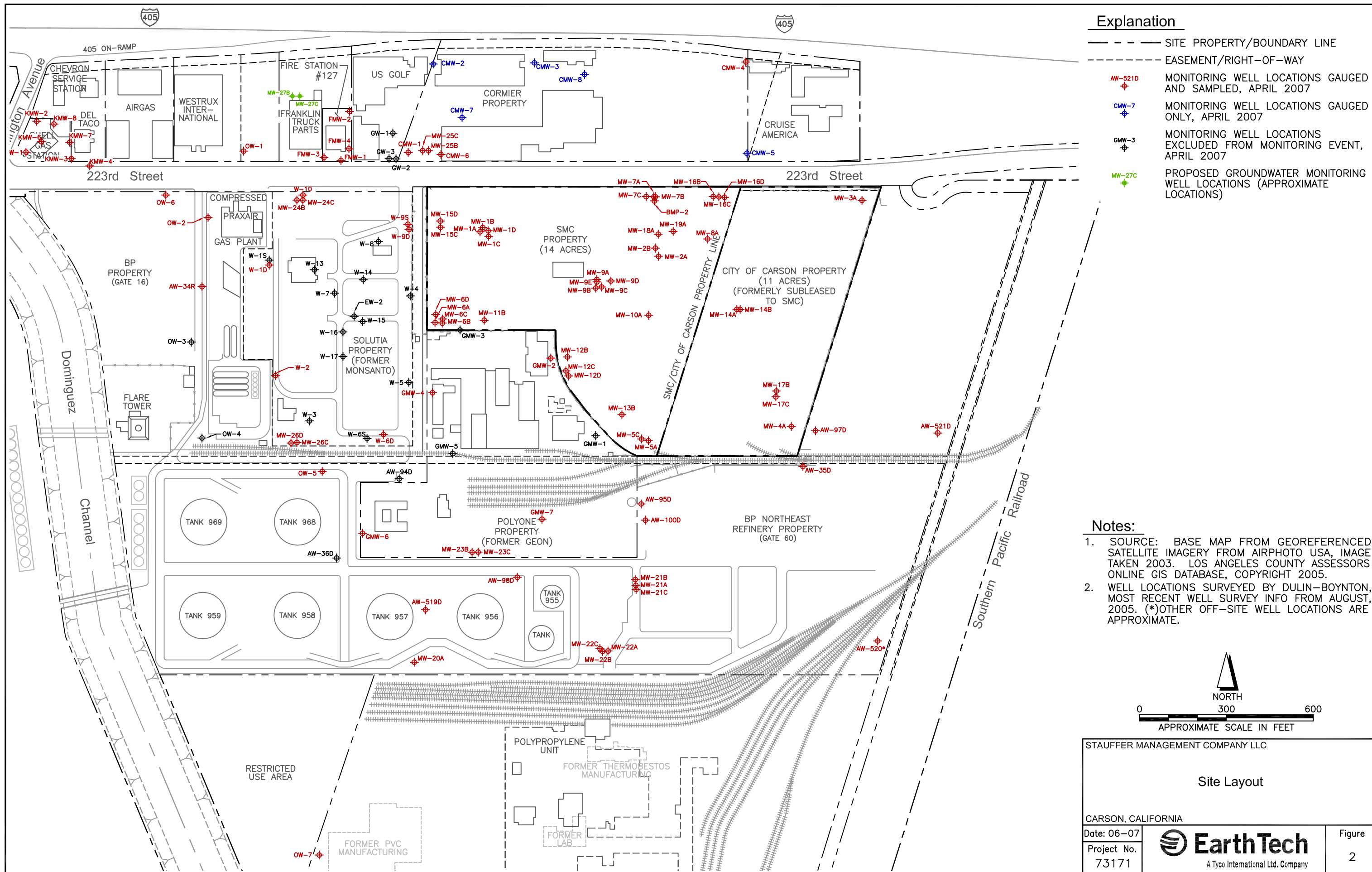


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**Reference:**

1. U.S.G.S. Topographic Map, Long Beach, California 7.5 Minute Quadrangle. Georeferenced using the State of California's CASIL Online GIS Database Copyright 2006.

STAUFFER MANAGEMENT COMPANY LLC	
<b>Site Location Map</b>	
CARSON, CALIFORNIA	
Date: 05-06	 <b>EarthTech</b> A Tyco International Ltd. Company
Project No. 37700	
Figure 1	



SYSTEM	SERIES	FORMATION	LITHOLOGY	AQUIFER/AQUITARD	MAX THICKNESS (FEET)
QUATERNARY	RECENT	ALLUVIUM		SEMIPERCHED AQUIFER *	60
				BELLFLOWER AQUITARD	140
				GASPUR AQUIFER **	120
	UPPER PLEISTOCENE	LAKEWOOD		UNCONFORMITY	
				BELLFLOWER AQUITARD	
				SEMIPERCHED AQUIFER *	
				BELLFLOWER AQUITARD	160
	LOWER PLEISTOCENE	SAN PEDRO		GAGE AQUIFER (200 FOOT GRAVEL)	
				UNCONFORMITY	
				LYNWOOD AQUIFER (400 FOOT GRAVEL)	200
TERTIARY	UPPER PLOIOCENE	PICO		SILVERADO AQUIFER	500
				UNCONFORMITY	
				UNNAMED AQUIFERS	1,800
	LOWER PLOIOCENE	REPETTO		BASE OF FRESH WATER	
				UNCONFORMITY	
	UPPER MIOCENE	PUENTE		UNCONFORMITY	
				UNCONFORMITY	
	MIDDLE MIOCENE	MONTEREY		UNCONFORMITY	
				UNCONFORMITY	4,000 ***
	MESOZOIC (JURASSIC)	JURASSIC	FRANCISCAN (BASEMENT)		

SMC UNITS OF THE GOU	MAX THICKNESS (FEET)
SURFICIAL AQUITARD	35
UNIT A†	50
UNIT B†	29
UNIT C	82
UNIT D	70

**EXPLANATION**

	GRAVEL & SAND
	SAND
	SILTY OR SANDY CLAY
	CLAY
	BEDROCK (BASEMENT)

\* SEMIPERCHED AQUIFER IS TYPICALLY FOUND WITHIN THE BELLFLOWER; THESE TWO UNITS ARE DEVELOPED IN BOTH RECENT AND UPPER PLEISTOCENE AGE SEDIMENTS.

\*\* ONLY WITHIN THE DOMINGUEZ GAP; UPPER PORTION OF GASPUR AQUIFER MAY BE EQUIVALENT TO RECENT SEMIPERCHED AQUIFER

\*\*\* MAXIMUM THICKNESS OF COMBINED PUENTE AND MONTEREY FORMATIONS

† UNIT A AND UNIT B MAY BE INTERPRETED AS PART OF THE GASPUR OR SEMIPERCHED AQUIFERS

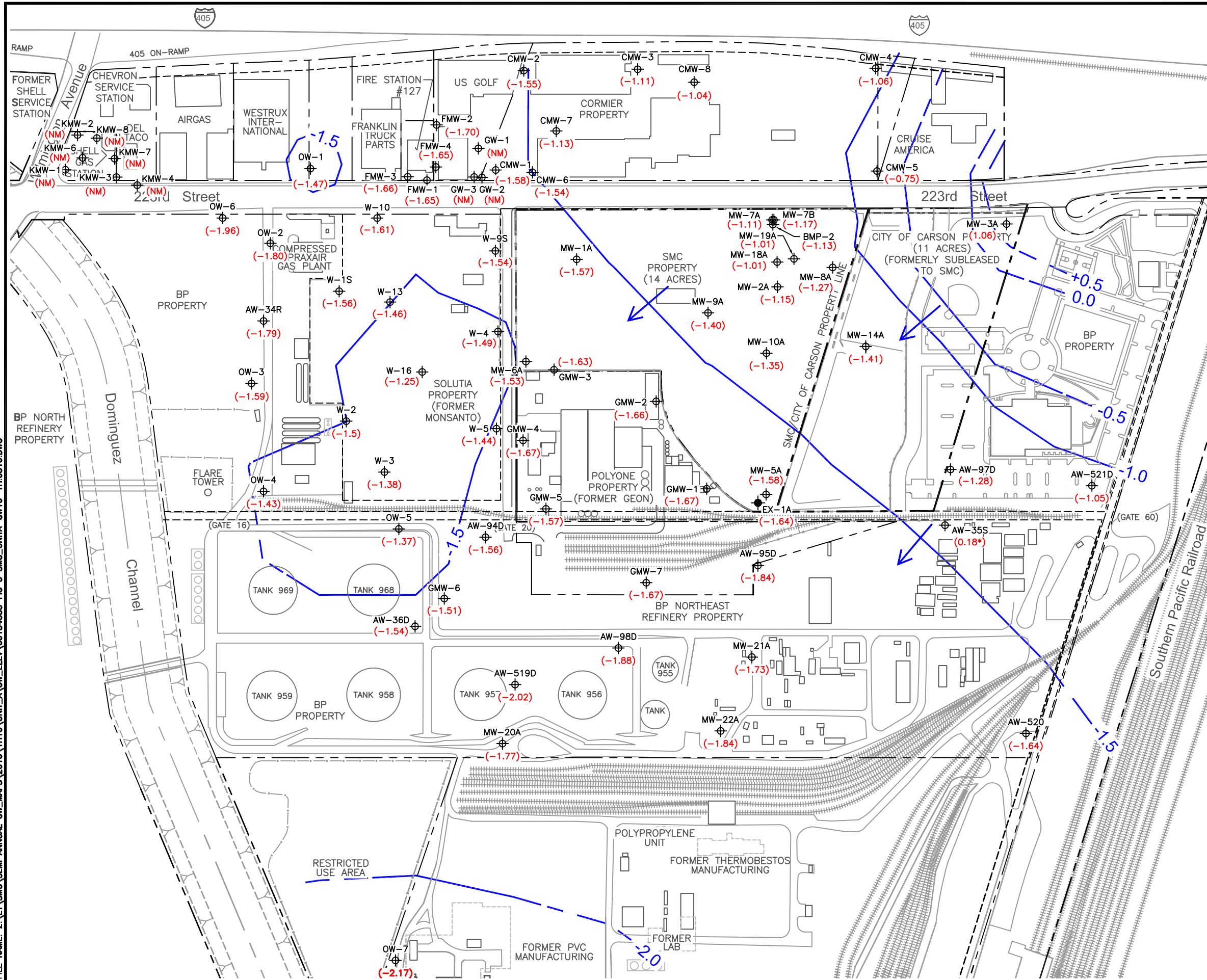
GOU GROUNDWATER OPERABLE UNIT

**Notes:**  
1. SOURCE: ENSR CONSULTING AND ENGINEERING "FIGURE 3-2 GENERALIZED STRATIGRAPHIC COLUMN", 12/04/98, PROJECT NO. 3670-057-000.

STAUFFER MANAGEMENT COMPANY LLC	
<b>Generalized Stratigraphic Column</b>	
CARSON, CALIFORNIA	
Date: 09-07	<b>EarthTech</b> A Tyco International Ltd. Company
Project No. 73171	
Figure 3	



FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1H10\UNIT A\GW\_ELEV\_60134535 FIG 3 SMC\_UNITA-GW10-1H0510.DWG

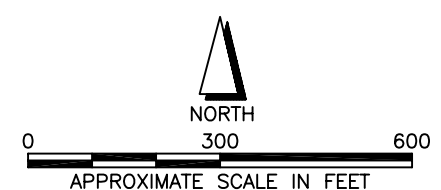


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-9A ⊕ GROUNDWATER MONITORING WELL LOCATION
- EX-1A ⊕ GROUNDWATER EXTRACTION WELL LOCATION
- (-2.17) GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (MSL). MEASURED APRIL 2009
- 2.0 INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET
- GROUNDWATER FLOW DIRECTION
- (NM) NOT MEASURED
- \* DATA NOT USED FOR CONTOURING PURPOSES

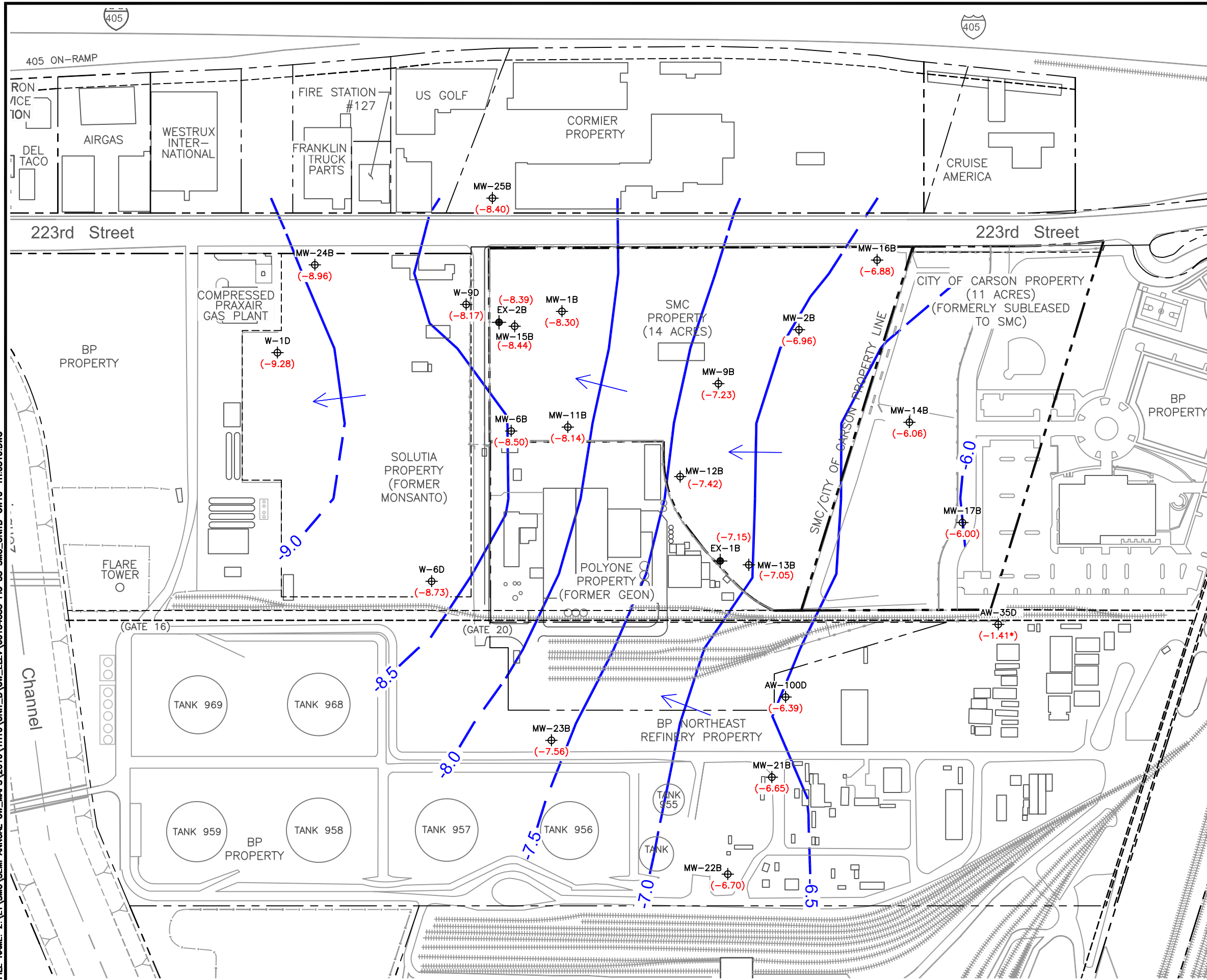
**Notes:**

1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>GROUNDWATER ELEVATION MAP UNIT A - APRIL 2010</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure
Project No. 60134535		4

FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1H10\UNIT B\GW\_ELEV\60134535 FIG 55 SMC\_UNITB-GW10-1H.0510.DWG

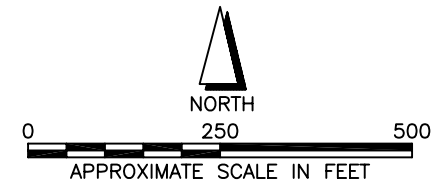


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-16B GROUNDWATER MONITORING WELL LOCATION
- EX-2B GROUNDWATER EXTRACTION WELL LOCATION
- (-9.28) GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (MSL). MEASURED APRIL 2010
- 9.0 INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET
- GROUNDWATER FLOW DIRECTION
- \* NOT USED FOR CONTOURING PURPOSES

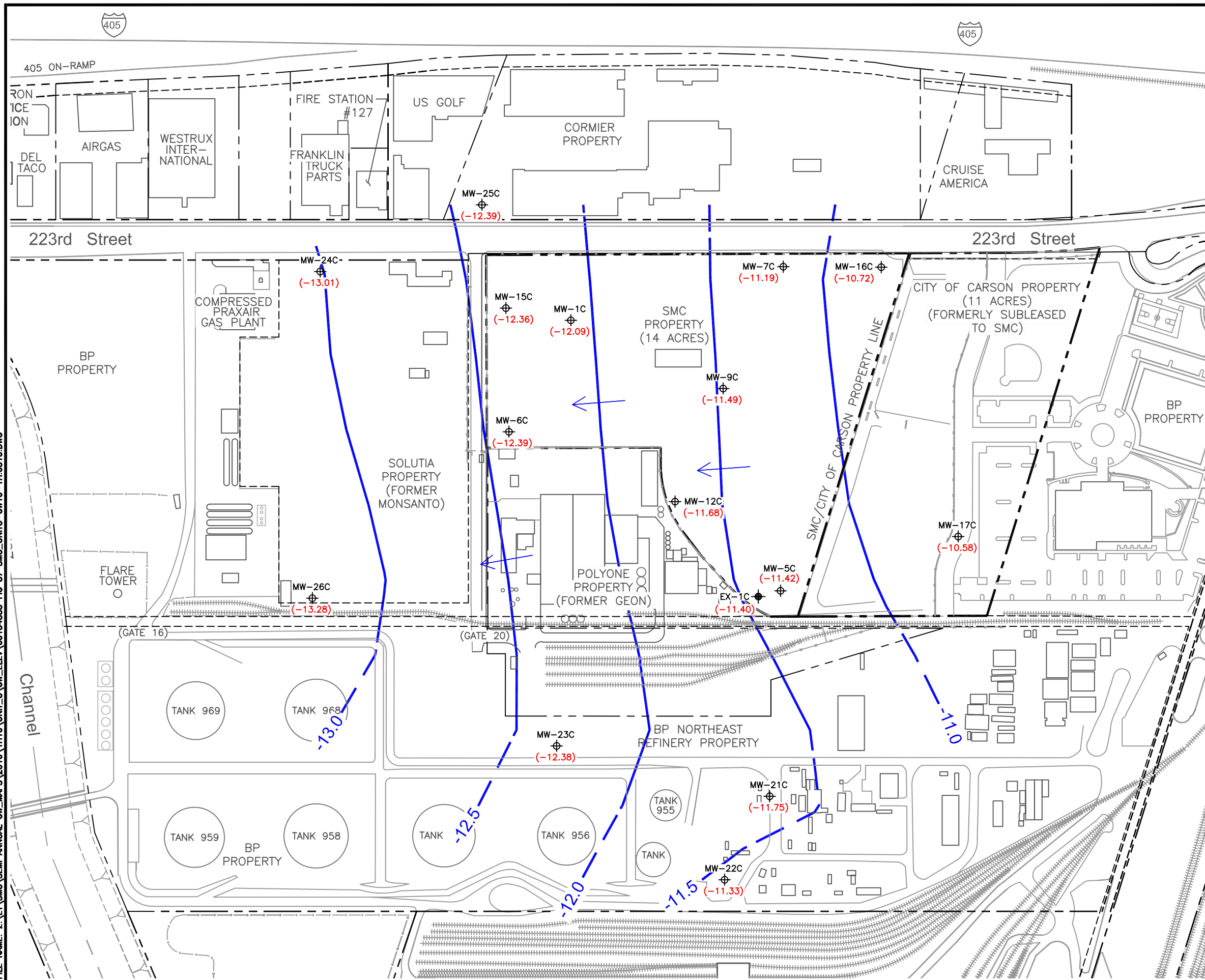
**Notes:**

1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



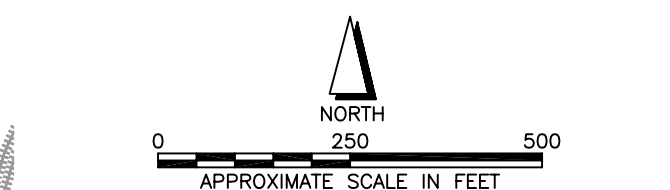
SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>GROUNDWATER ELEVATION MAP UNIT B - APRIL 2010</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure 5
Project No. 60134535		

FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1110\UNIT C\GW\_ELEV\60134535 FIG 87 SMC\_UNITC-GW10-1H.0510.DWG



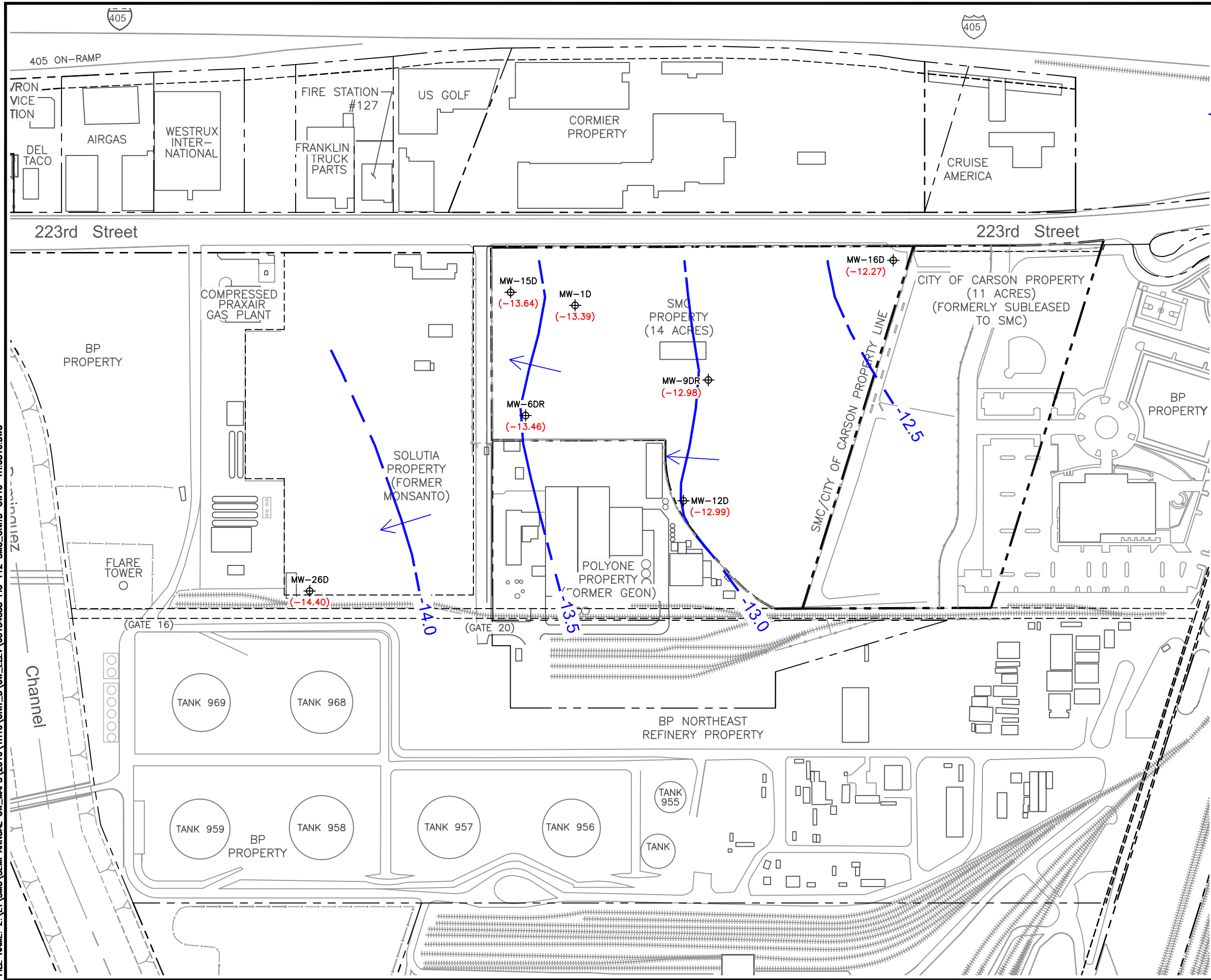
- ### Explanation
- SITE PROPERTY/BOUNDARY LINE
  - GROUNDWATER MONITORING WELL LOCATION
  - GROUNDWATER EXTRACTION WELL LOCATION
  - GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (MSL). MEASURED APRIL 2010
  - INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET
  - GROUNDWATER FLOW DIRECTION

- ### Notes:
1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
  2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



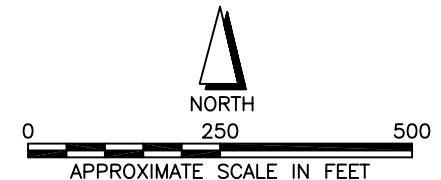
SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>GROUNDWATER ELEVATION MAP UNIT C - APRIL 2010</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure 6
Project No. 60134535		

FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1H10\UNIT D\GW\_ELEV\_60134535 FIG 112 SMC\_UNITD-GW10-1H.0510.DWG



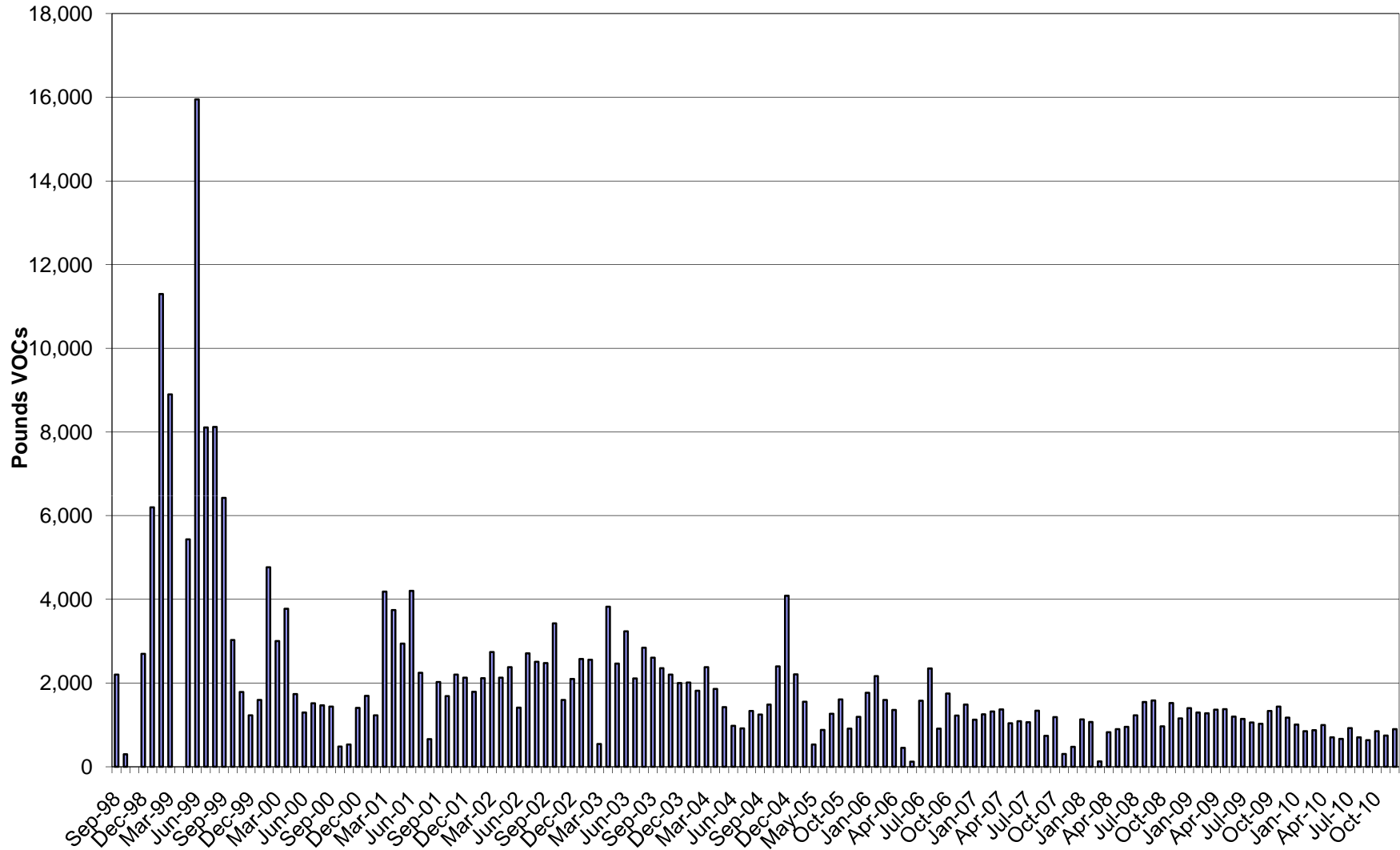
- ### Explanation
- SITE PROPERTY/BOUNDARY LINE
  - GROUNDWATER MONITORING WELL LOCATION
  - GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (MSL). MEASURED APRIL 2010
  - INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET
  - GROUNDWATER FLOW DIRECTION

- ### Notes:
1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
  2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.

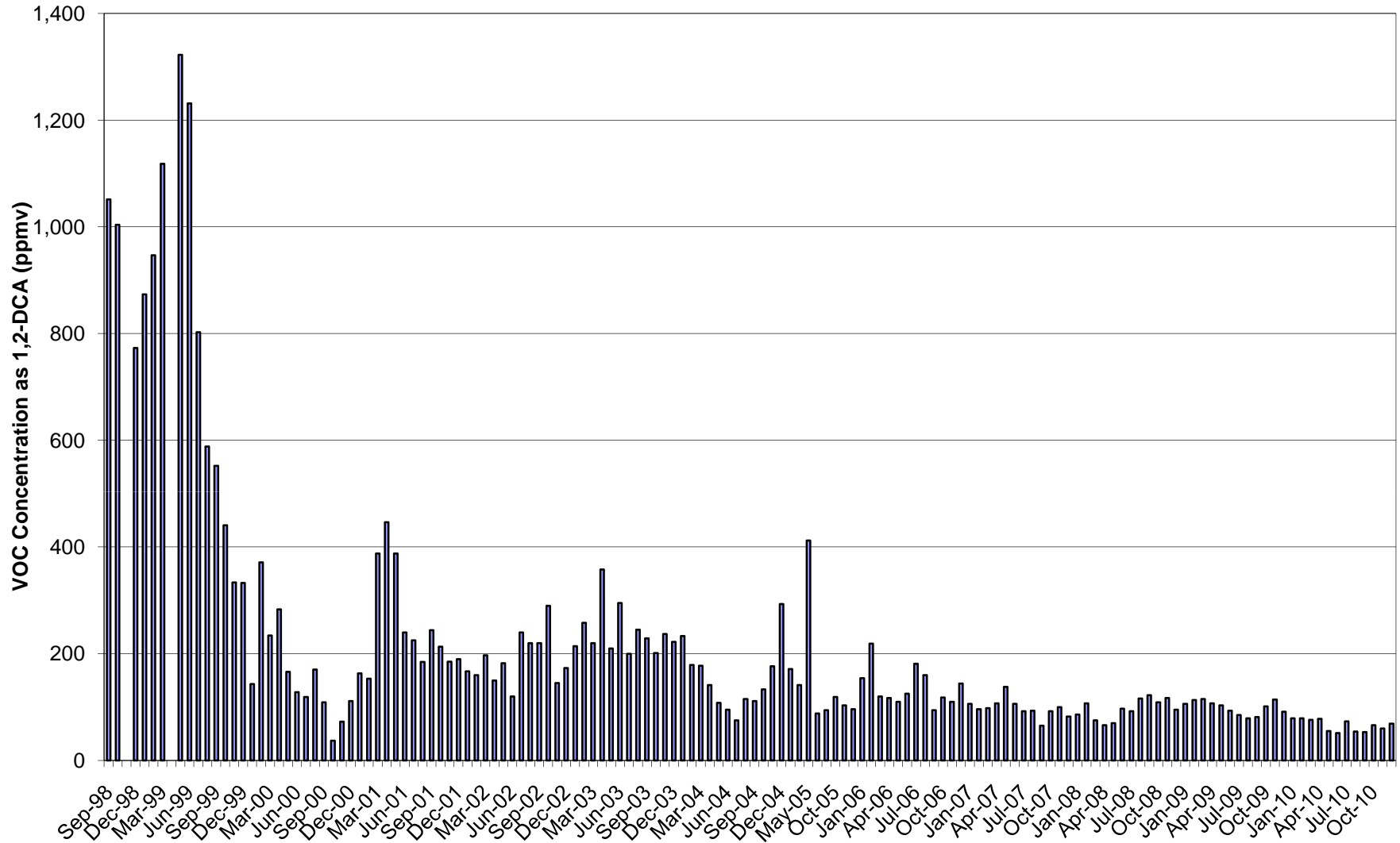


SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>GROUNDWATER ELEVATION MAP</b> UNIT D - APRIL 2010		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure
Project No. 60134535		7

**Figure 8**  
**Monthly VOCs Removed vs Time (VLE SYSTEM)**



**Figure 9**  
**Average Inlet VOC Concentration vs Time (VLE SYSTEM)**





FILE NAME: Z:\ET\SMC\2NDSYRREV\2011\0111\60134535.FIG11\_SMC.2ND\_5YR.0111.DWG

223rd Street

SMC  
PROPERTY  
(14 ACRES)

EXISTING  
VLE SYSTEM  
COMPOUND

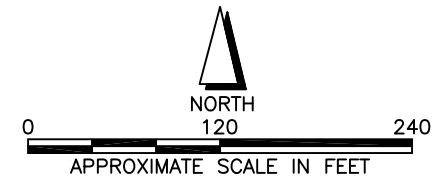
BP REFINERY  
PROPERTY

CITY OF CARSON  
PROPERTY - UNDEVELOPED

**Explanation**

- PROPERTY BOUNDARY
- SB-38C ● 2009 PROGRESS SOIL BORINGS
- SB-34B ● 2007 PROGRESS SOIL BORINGS
- VB-9 ● 2005 PROGRESS SOIL BORINGS
- SB-1 ● 2004 PROGRESS SOIL BORINGS  
(FIRST 5-YEAR REVIEW)

100' x 100' GRID



STAUFFER MANAGEMENT COMPANY LLC		
Soil Progress Boring Location Map		
CARSON, CALIFORNIA		
Date: 01-11	<b>AECOM</b>	Figure
Project No. 60134535		11



FILE NAME: Z:\ET\SMC\2ND5YRREV\2011\0111\60134535.FIG12\_SMC.2ND\_5YR.0111.DWG

223rd Street

SMC  
PROPERTY  
(14 ACRES)

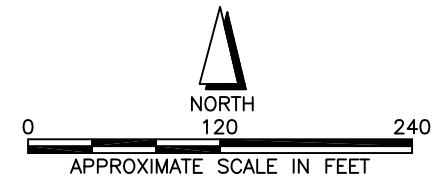
EXISTING  
VLE SYSTEM  
COMPOUND

BP REFINERY  
PROPERTY

CITY OF CARSON  
PROPERTY - UNDEVELOPED

**Explanation**

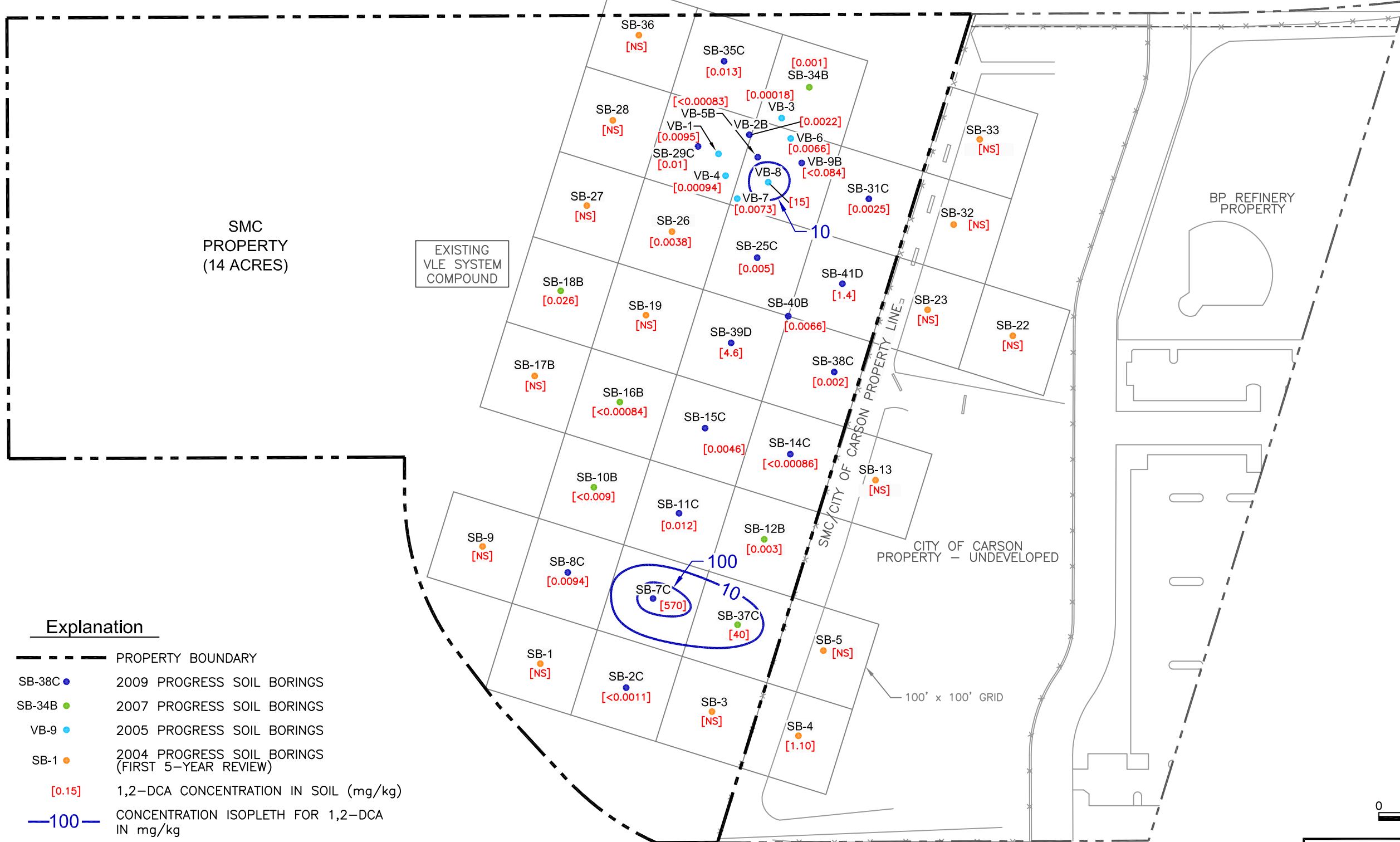
- PROPERTY BOUNDARY
- SB-38C ● 2009 PROGRESS SOIL BORINGS
- SB-34B ● 2007 PROGRESS SOIL BORINGS
- VB-9 ● 2005 PROGRESS SOIL BORINGS
- SB-1 ● 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
- [<0.0014] 1,2-DCA CONCENTRATION IN SOIL (mg/kg)



STAUFFER MANAGEMENT COMPANY LLC		
1,2-DCA in Soil 0-15-Foot BGS		
CARSON, CALIFORNIA		
Date: 01-11	<b>AECOM</b>	Figure
Project No. 60134535		12

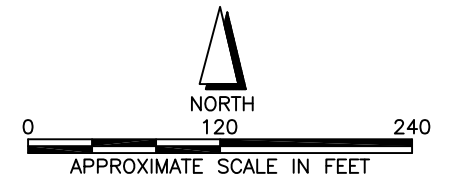
FILE NAME: Z:\ET\SMC\2ND5YRREV\2011\0111\60134535.FIG13\_SMC.2ND\_5YR.0111.DWG

223rd Street



**Explanation**

- PROPERTY BOUNDARY
- SB-38C ● 2009 PROGRESS SOIL BORINGS
- SB-34B ● 2007 PROGRESS SOIL BORINGS
- VB-9 ● 2005 PROGRESS SOIL BORINGS
- SB-1 ● 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
- [0.15] 1,2-DCA CONCENTRATION IN SOIL (mg/kg)
- 100— CONCENTRATION ISOPLETH FOR 1,2-DCA IN mg/kg
- BGS BELOW GROUND SURFACE
- NS NOT SAMPLED



STAUFFER MANAGEMENT COMPANY LLC		
1,2-DCA in Soil 20-Foot BGS		
CARSON, CALIFORNIA		
Date: 01-11	<b>AECOM</b>	Figure
Project No. 60134535		13

FILE NAME: Z:\ET\SMC\2ND5YRREV\2011\0111\60134535.FIG14\_SMC.2ND 5YR.0111.DWG

223rd Street

SMC  
PROPERTY  
(14 ACRES)

EXISTING  
VLE SYSTEM  
COMPOUND

BP REFINERY  
PROPERTY

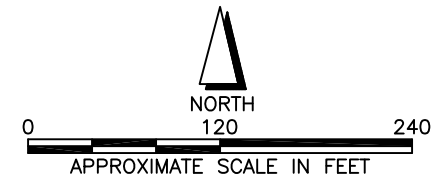
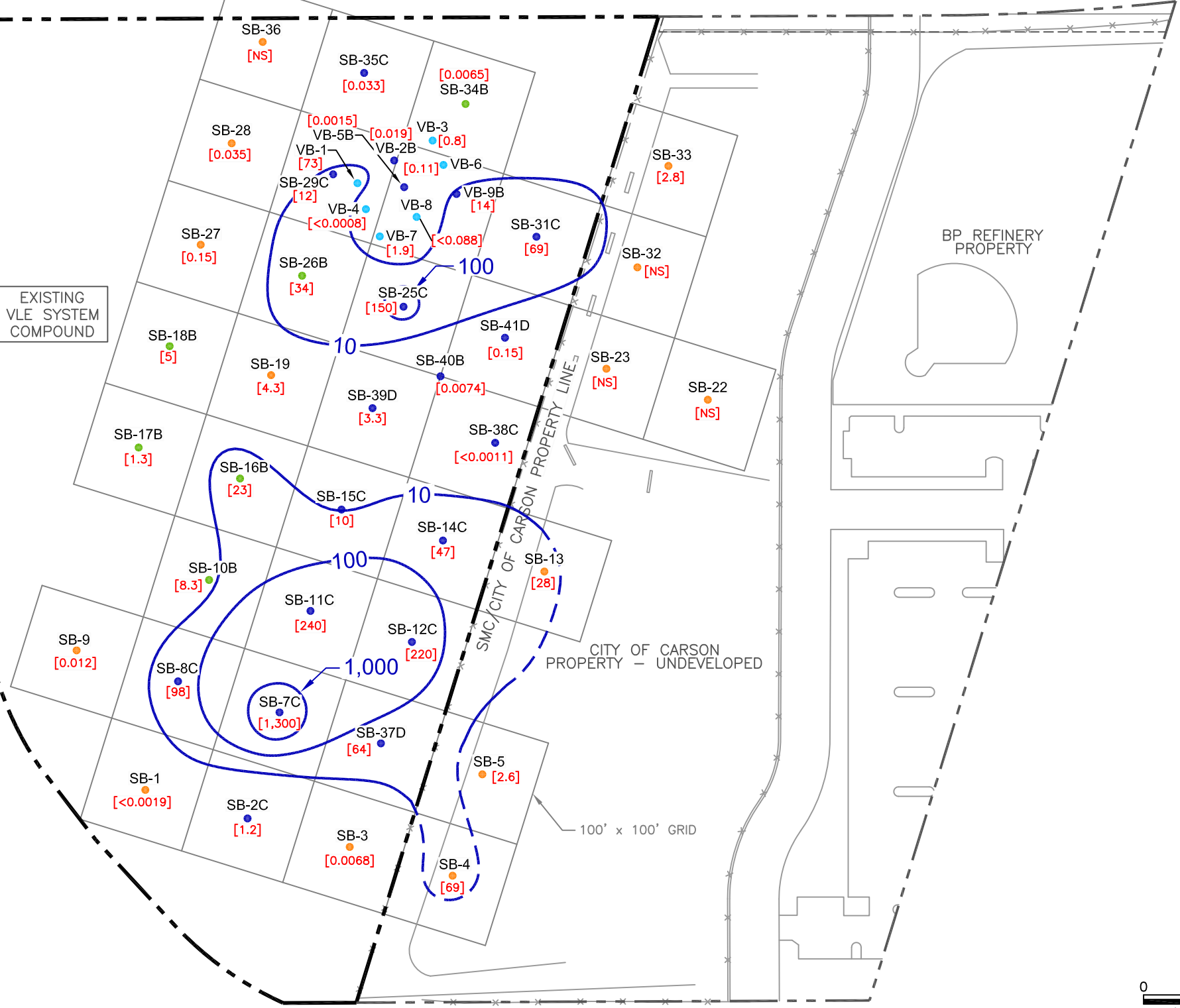
CITY OF CARSON  
PROPERTY - UNDEVELOPED

SMC/CITY OF CARSON  
PROPERTY LINE

100' x 100' GRID

**Explanation**

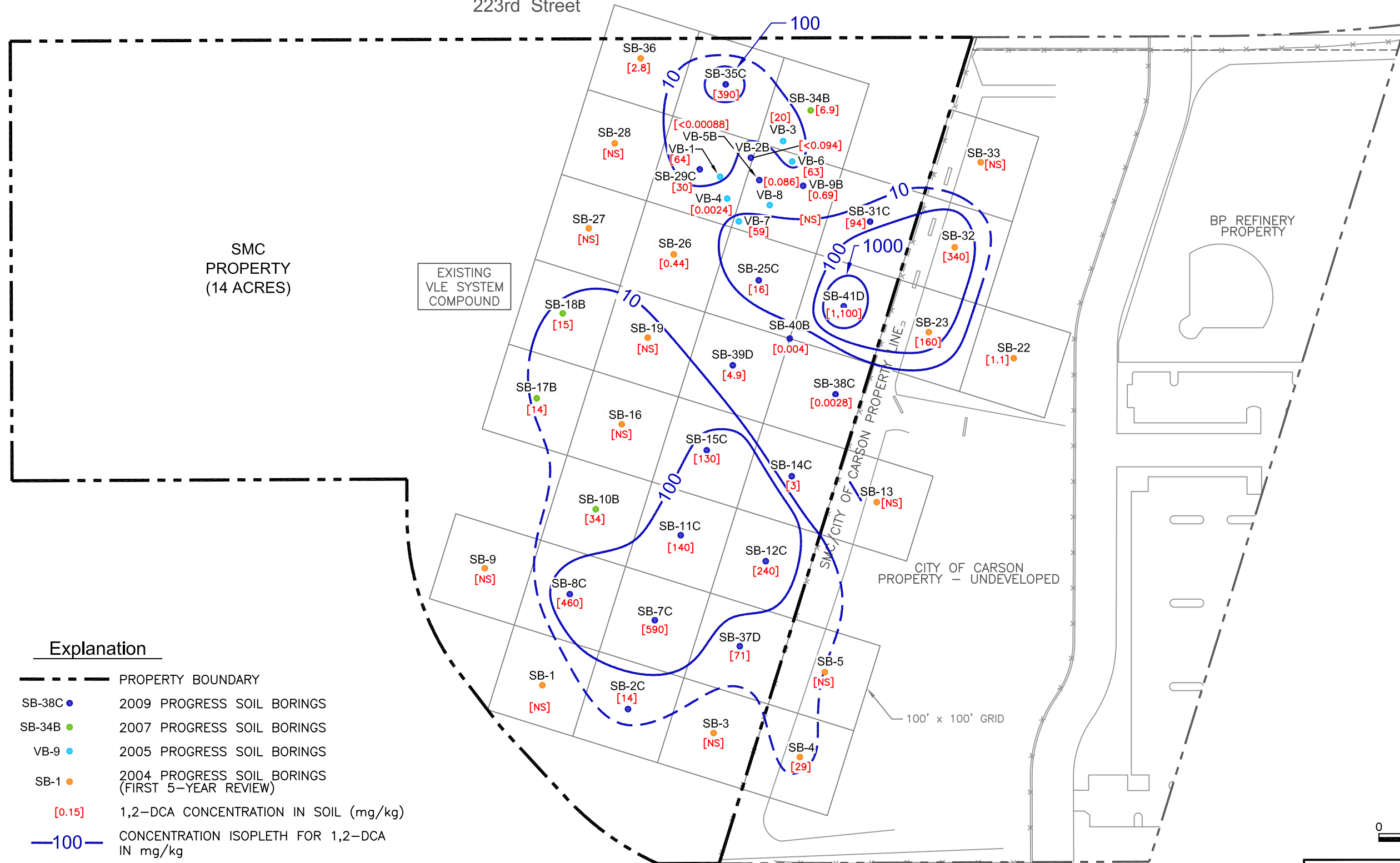
- PROPERTY BOUNDARY
- SB-38C ● 2009 PROGRESS SOIL BORINGS
- SB-34B ● 2007 PROGRESS SOIL BORINGS
- VB-9 ● 2005 PROGRESS SOIL BORINGS
- SB-1 ● 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
- [0.15] 1,2-DCA CONCENTRATION IN SOIL (mg/kg)
- 100— CONCENTRATION ISOPLETH FOR 1,2-DCA IN mg/kg
- bgs BELOW GROUND SURFACE
- NS NOT SAMPLED



STAUFFER MANAGEMENT COMPANY LLC		
1,2-DCA in Soil 25-30-Foot BGS		
CARSON, CALIFORNIA		
Date: 01-11	<b>AECOM</b>	Figure
Project No. 60134535		14

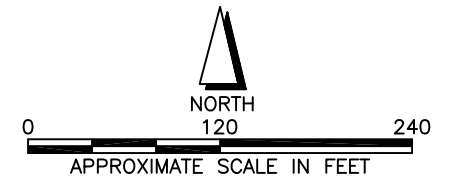
FILE NAME: Z:\ET\SMC\2ND5YRREV\2011\0111\60134535.FIG15 SMC.2ND 5YR.0111.DWG

223rd Street



**Explanation**

- PROPERTY BOUNDARY
- SB-38C ● 2009 PROGRESS SOIL BORINGS
- SB-34B ● 2007 PROGRESS SOIL BORINGS
- VB-9 ● 2005 PROGRESS SOIL BORINGS
- SB-1 ● 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
- [0.15] 1,2-DCA CONCENTRATION IN SOIL (mg/kg)
- 100— CONCENTRATION ISOPLETH FOR 1,2-DCA IN mg/kg
- BGS BELOW GROUND SURFACE
- NS NOT SAMPLED



STAUFFER MANAGEMENT COMPANY LLC		
1,2-DCA in Soil 35-Foot BGS		
CARSON, CALIFORNIA		
Date: 01-11	<b>AECOM</b>	Figure
Project No. 60134535		15

FILE NAME: Z:\ET\SMC\2ND5YRREV\2011\0111\60134535.FIG16 SMC.2ND 5YR.0111.DWG

223rd Street

SMC  
PROPERTY  
(14 ACRES)

EXISTING  
VLE SYSTEM  
COMPOUND

BP REFINERY  
PROPERTY

CITY OF CARSON  
PROPERTY - UNDEVELOPED

**Explanation**

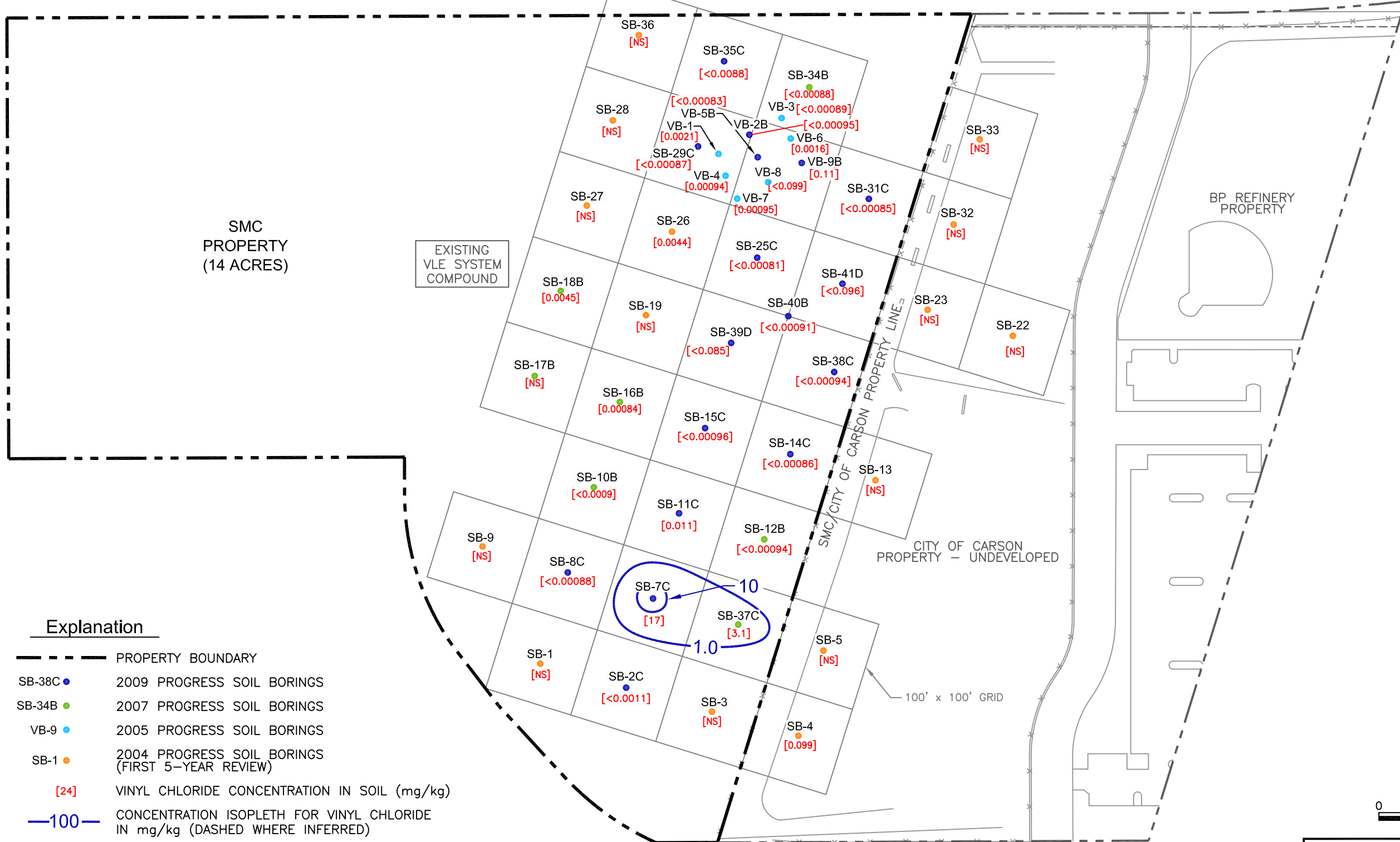
- PROPERTY BOUNDARY
- SB-38C ● 2009 PROGRESS SOIL BORINGS
- SB-34B ● 2007 PROGRESS SOIL BORINGS
- VB-9 ● 2005 PROGRESS SOIL BORINGS
- SB-1 ● 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
- [<0.0014] VINYL CHLORIDE CONCENTRATION IN SOIL (mg/kg)



STAUFFER MANAGEMENT COMPANY LLC		
VC in Soil 0-15-Foot BGS		
CARSON, CALIFORNIA		
Date: 01-11	<b>AECOM</b>	Figure
Project No. 60134535		16

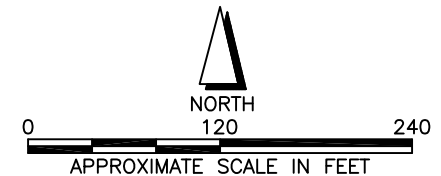
FILE NAME: Z:\ET\SMC\2ND5YRREV\2011\0111\60134535.FIG17\_SMC.2ND\_5YR.0111.DWG

223rd Street



**Explanation**

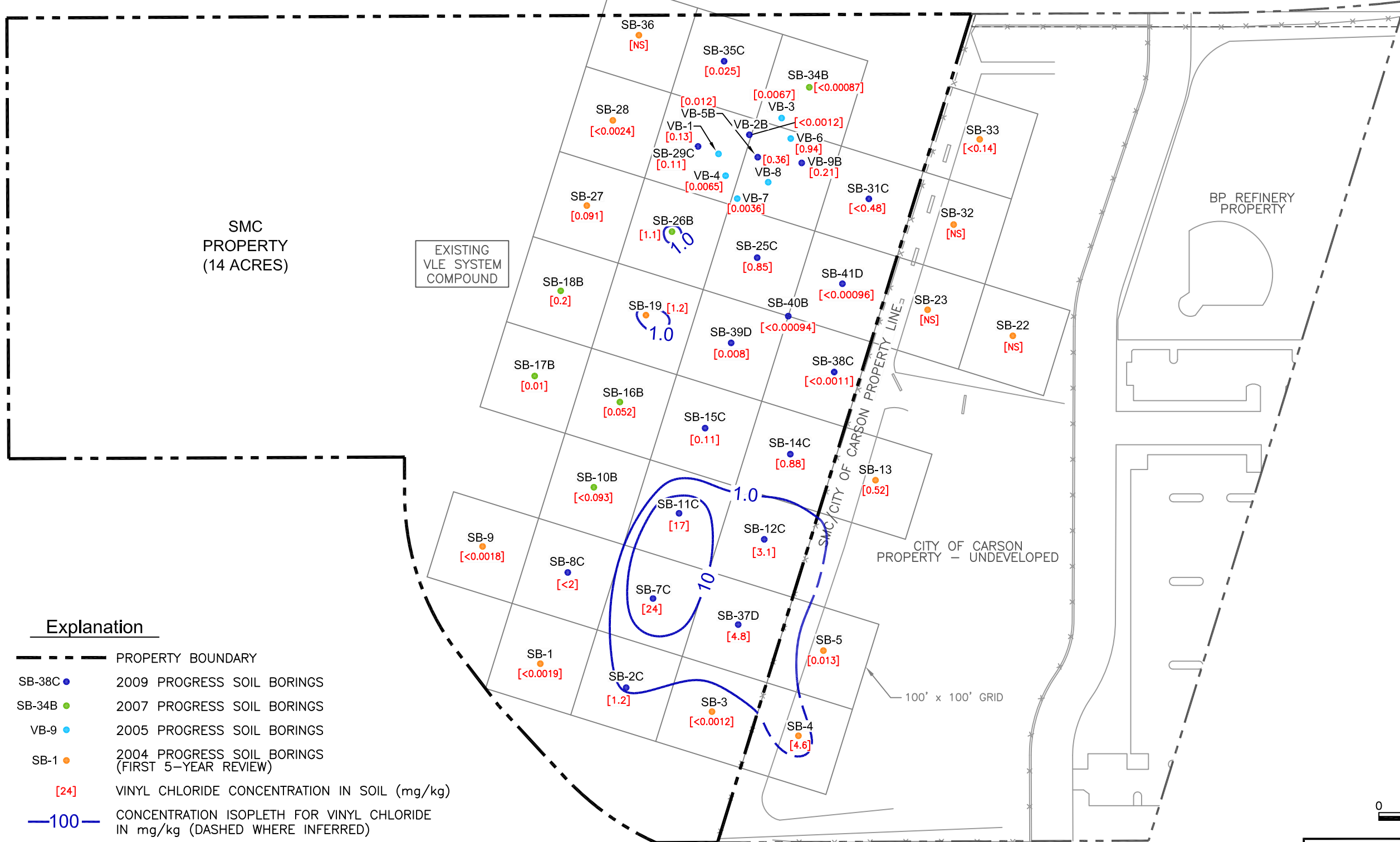
- PROPERTY BOUNDARY
- SB-38C ● 2009 PROGRESS SOIL BORINGS
- SB-34B ● 2007 PROGRESS SOIL BORINGS
- VB-9 ● 2005 PROGRESS SOIL BORINGS
- SB-1 ● 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
- [24] VINYL CHLORIDE CONCENTRATION IN SOIL (mg/kg)
- 100— CONCENTRATION ISOPLETH FOR VINYL CHLORIDE IN mg/kg (DASHED WHERE INFERRED)
- BGS BELOW GROUND SURFACE
- NS NOT SAMPLED



STAUFFER MANAGEMENT COMPANY LLC		
VC in Soil 20-Foot BGS		
CARSON, CALIFORNIA		
Date: 01-11	<b>AECOM</b>	Figure
Project No. 60134535		17

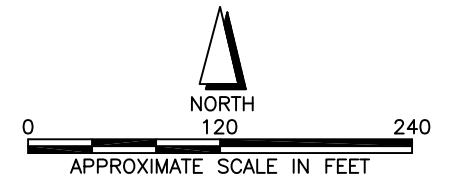
FILE NAME: Z:\ET\SMC\2ND5YRREV\2011\0111\60134535.FIG18 SMC.2ND 5YR.0111.DWG

223rd Street



**Explanation**

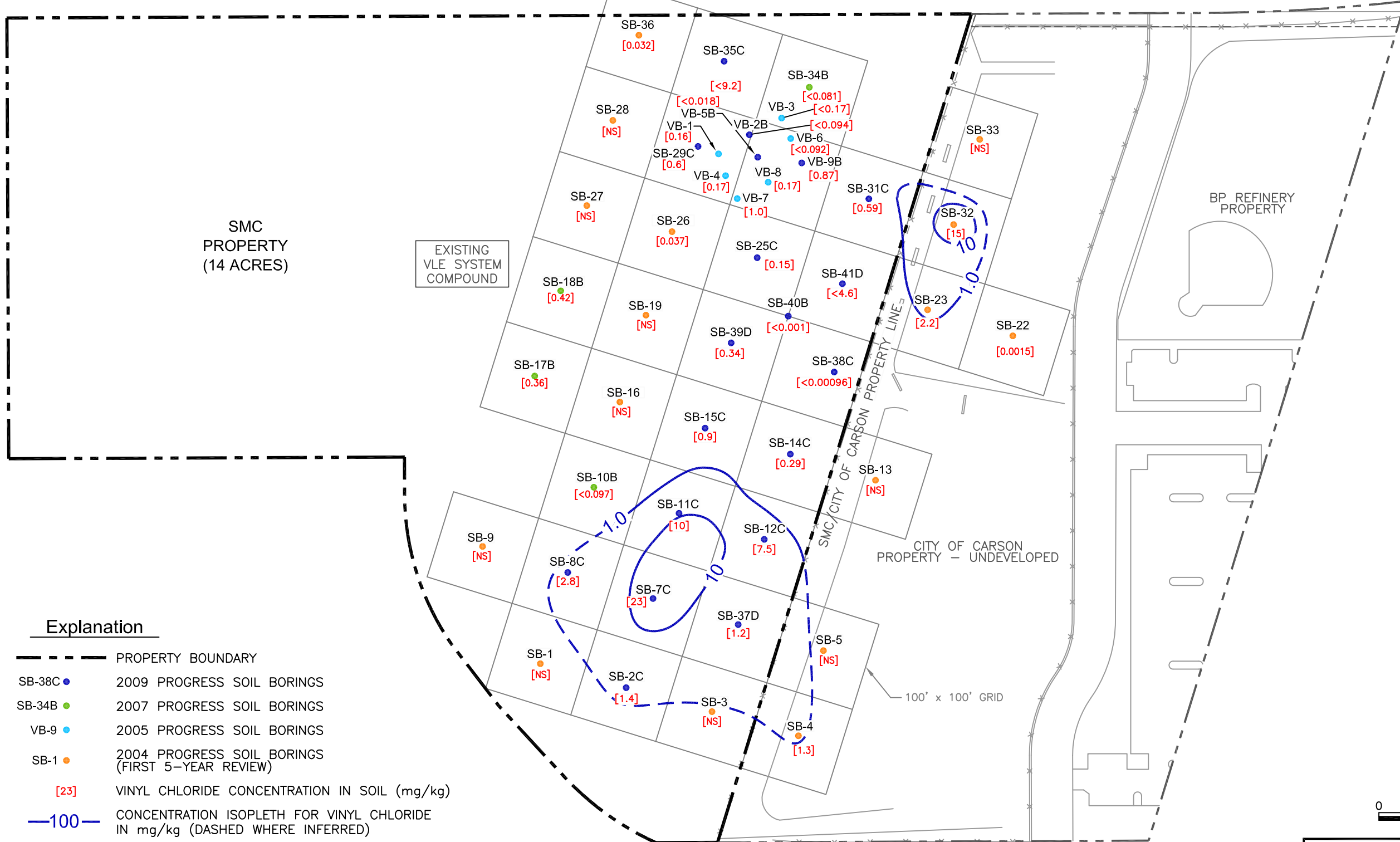
- PROPERTY BOUNDARY
- SB-38C ● 2009 PROGRESS SOIL BORINGS
- SB-34B ● 2007 PROGRESS SOIL BORINGS
- VB-9 ● 2005 PROGRESS SOIL BORINGS
- SB-1 ● 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
- [24] VINYL CHLORIDE CONCENTRATION IN SOIL (mg/kg)
- 100— CONCENTRATION ISOPLETH FOR VINYL CHLORIDE IN mg/kg (DASHED WHERE INFERRED)
- BGS BELOW GROUND SURFACE
- NS NOT SAMPLED



STAUFFER MANAGEMENT COMPANY LLC		
VC in Soil 25-30-Foot BGS		
CARSON, CALIFORNIA		
Date: 01-11	<b>AECOM</b>	Figure
Project No. 60134535		18

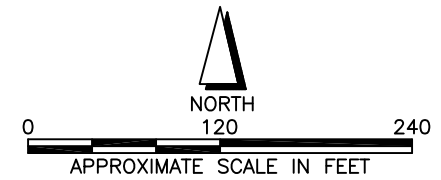
FILE NAME: Z:\ET\SMC\2ND5YRREV\2011\0111\60134535.FIG19\_SMC.2ND\_5YR.0111.DWG

223rd Street



**Explanation**

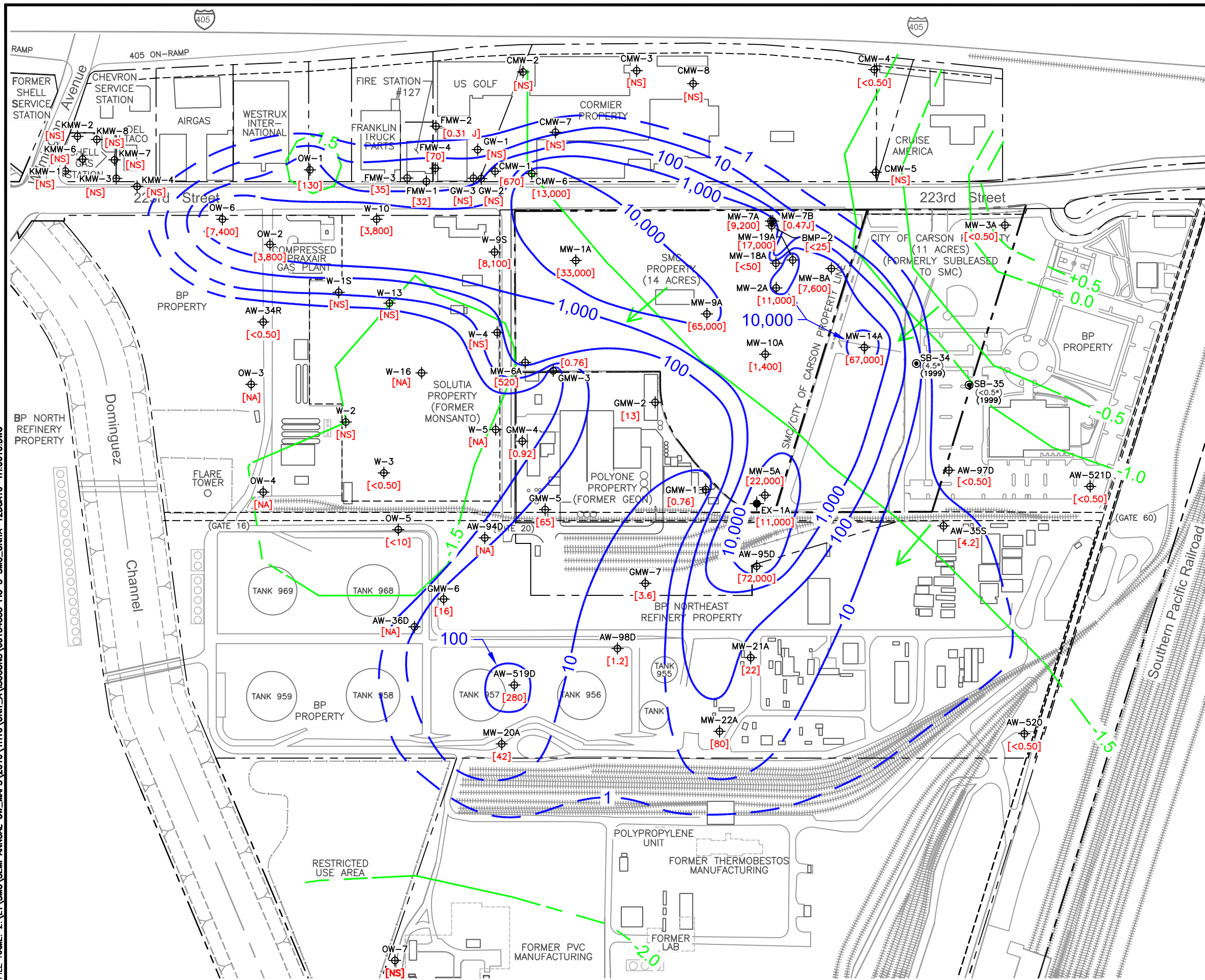
- PROPERTY BOUNDARY
- SB-38C ● 2009 PROGRESS SOIL BORINGS
- SB-34B ● 2007 PROGRESS SOIL BORINGS
- VB-9 ● 2005 PROGRESS SOIL BORINGS
- SB-1 ● 2004 PROGRESS SOIL BORINGS (FIRST 5-YEAR REVIEW)
- [23] VINYL CHLORIDE CONCENTRATION IN SOIL (mg/kg)
- 100— CONCENTRATION ISOPLETH FOR VINYL CHLORIDE IN mg/kg (DASHED WHERE INFERRED)
- BGS BELOW GROUND SURFACE
- NS NOT SAMPLED



STAUFFER MANAGEMENT COMPANY LLC		
VC in Soil 35-Foot BGS		
CARSON, CALIFORNIA		
Date: 01-11	<b>AECOM</b>	Figure
Project No. 60134535		19



FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1H10\UNIT A\ISOCONS\60134535 FIG 5 SMC\_UNITA-12DCA10-1H.0610.DWG

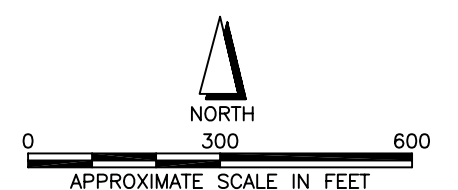


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-9A ⊕ GROUNDWATER MONITORING WELL LOCATION
- SB-35 ⊙ FORMER HYDROPUNCH SAMPLING LOCATION
- EX-1A ⊕ GROUNDWATER EXTRACTION WELL LOCATION
- 1,2-DCA CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM APRIL 2010 SAMPLING)
- [72,000] 1,2-DCA ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- 2.0 --- INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 1.0 FOOT
- GROUNDWATER FLOW DIRECTION
- [NS] NOT SAMPLED
- [NA] NOT ANALYZED
- J BETWEEN THE METHOD DETECTION LIMIT AND THE LABORATORY REPORTING LIMIT SHOWN

**Notes:**

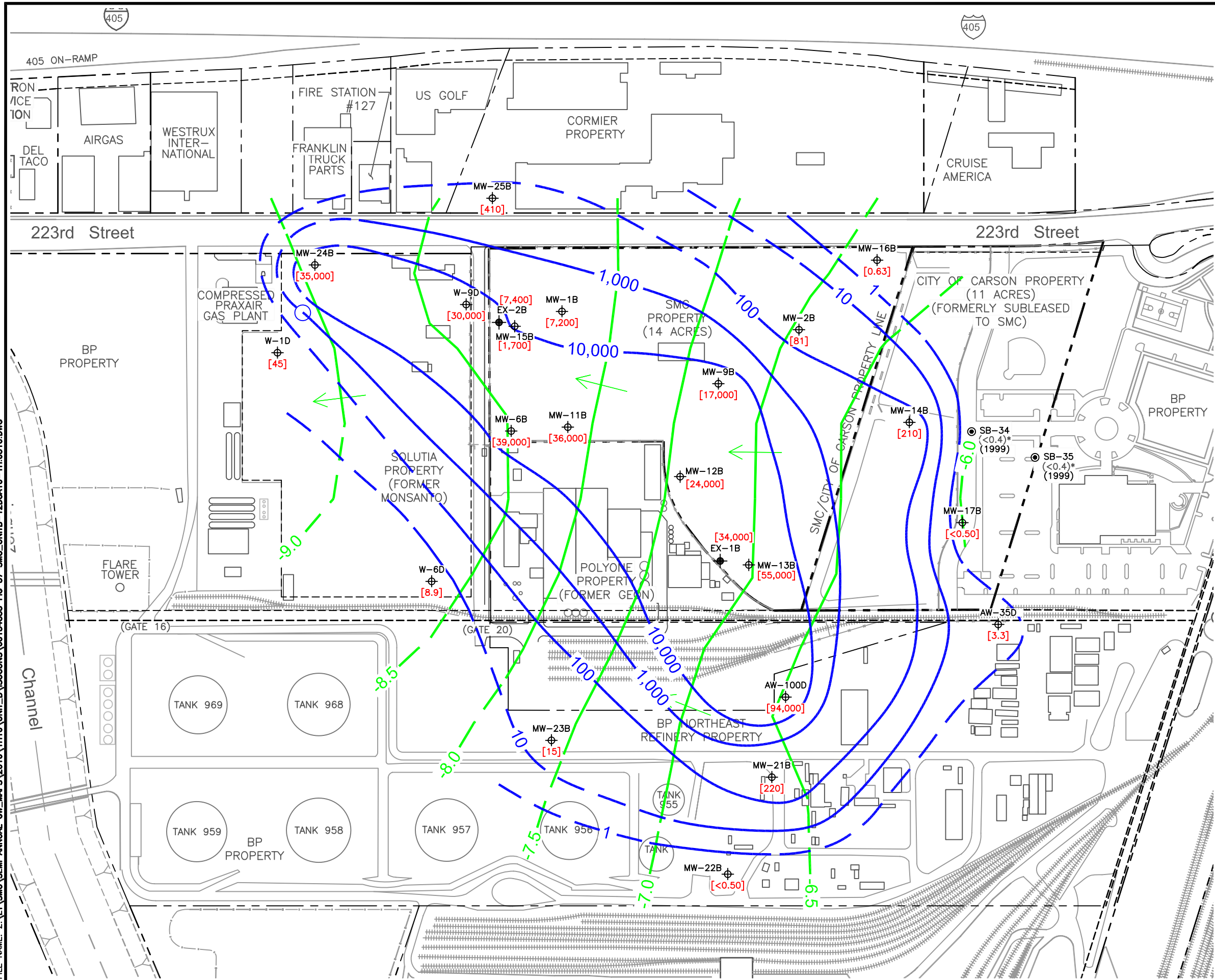
1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>1,2-DCA ISOCONCENTRATION MAP UNIT A - APRIL 2010</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure
Project No.		20
60134535		

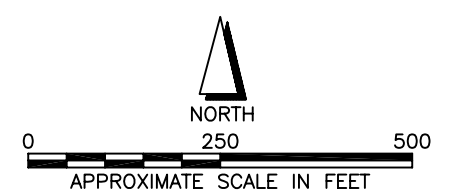


FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1H10\UNIT\_B\ISOCONS\60134535 FIG 57 SMC\_UNITB-12DCA10-1H.0510.DWG



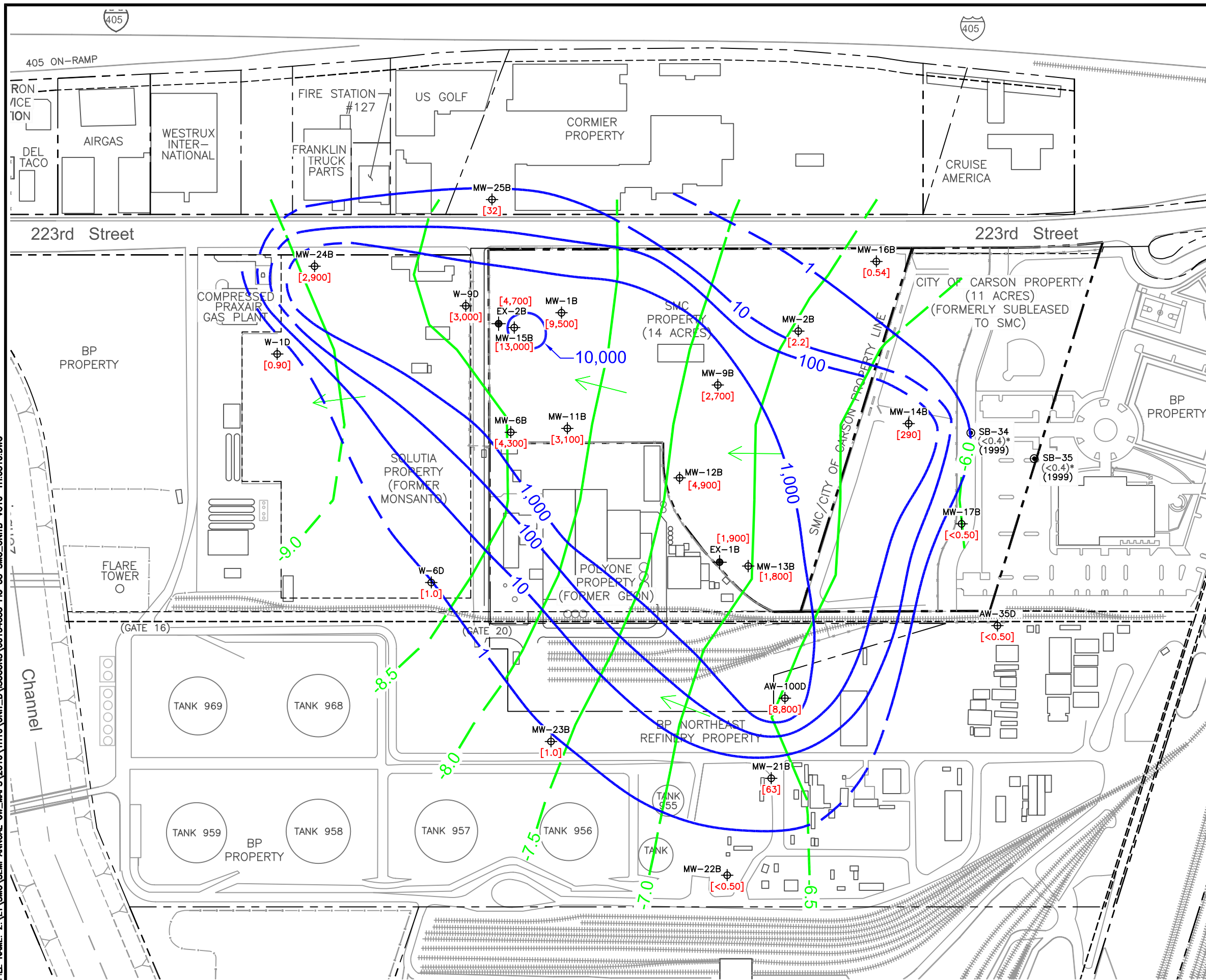
- ### Explanation
- SITE PROPERTY/BOUNDARY LINE
  - GROUNDWATER MONITORING WELL LOCATION
  - FORMER HYDROPUNCH SAMPLING LOCATION
  - GROUNDWATER EXTRACTION WELL LOCATION
  - 1,2-DCA CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER ( $\mu\text{g/L}$ ) (DATA SHOWN FROM APRIL 2010 SAMPLING)
  - 1,2-DCA ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
  - INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET
  - GROUNDWATER FLOW DIRECTION

- ### Notes:
1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
  2. WELL LOCATIONS SURVEYED BY DULIN & BOYTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>1,2-DCA ISOCONCENTRATION MAP</b>		
<b>UNIT B - APRIL 2010</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure 22
Project No. 60134535		

FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1H10\UNIT B\ISOCONS\60134535 FIG 58 SMC\_UNITB-VC10-1H.0510.DWG

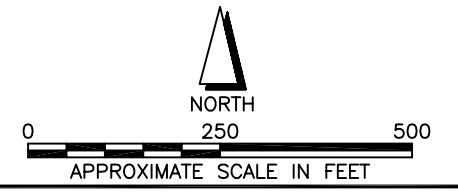


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-16B GROUNDWATER MONITORING WELL LOCATION
- SB-35 FORMER HYDROPUNCH SAMPLING LOCATION
- EX-1B GROUNDWATER MONITORING WELL LOCATION
- [13,000] VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM APRIL 2010 SAMPLING)
- 10,000 VINYL CHLORIDE ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- 9.0 INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET
- GROUNDWATER FLOW DIRECTION

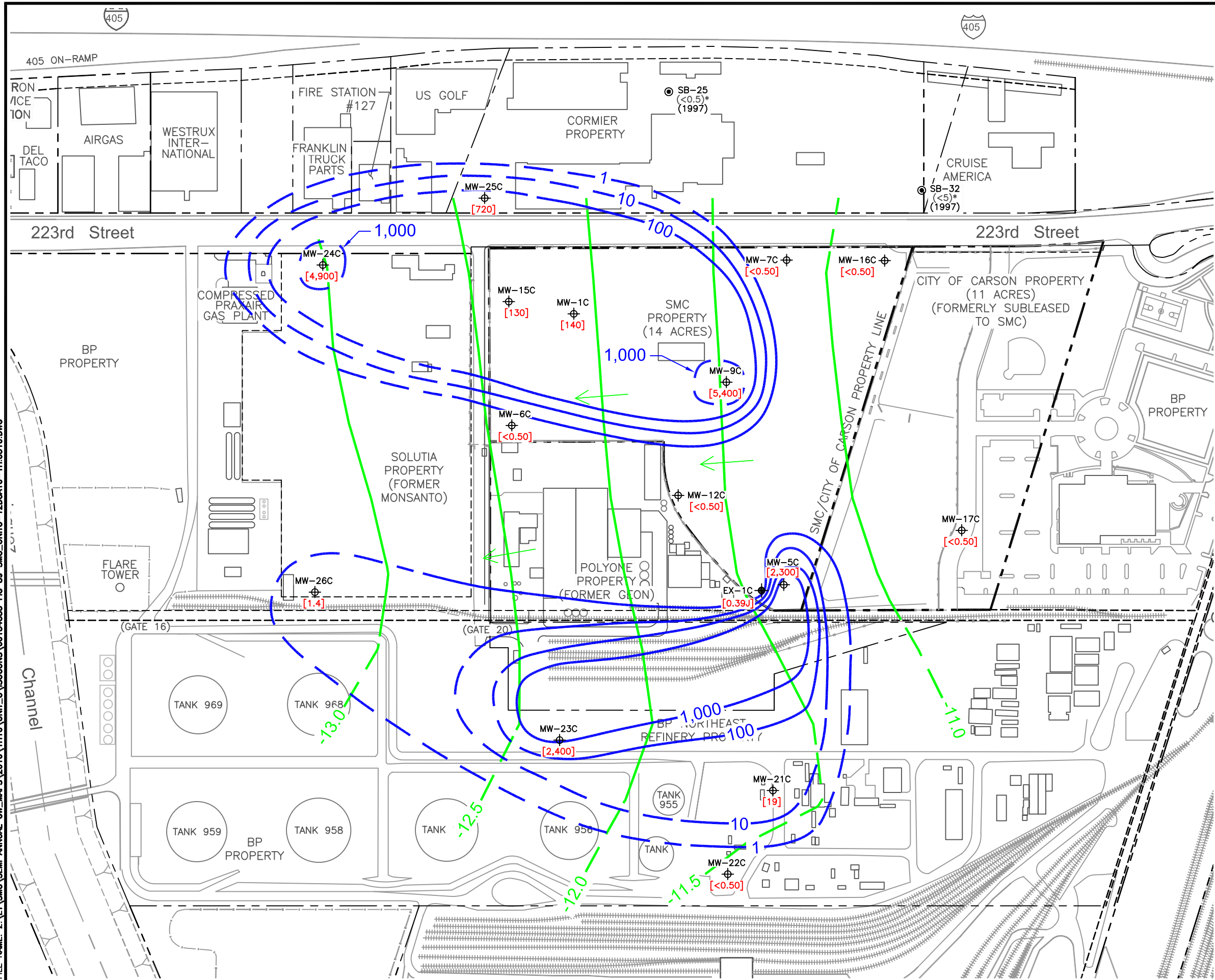
**Notes:**

1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



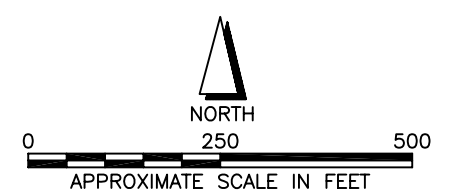
SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>VINYL CHLORIDE ISOCONCENTRATION MAP UNIT B - APRIL 2010</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure 23
Project No. 60134535		

FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1H10\UNIT\_C\ISOCONS\60134535 FIG 89 SMC\_UNITC-12DCA10-1H.0510.DWG



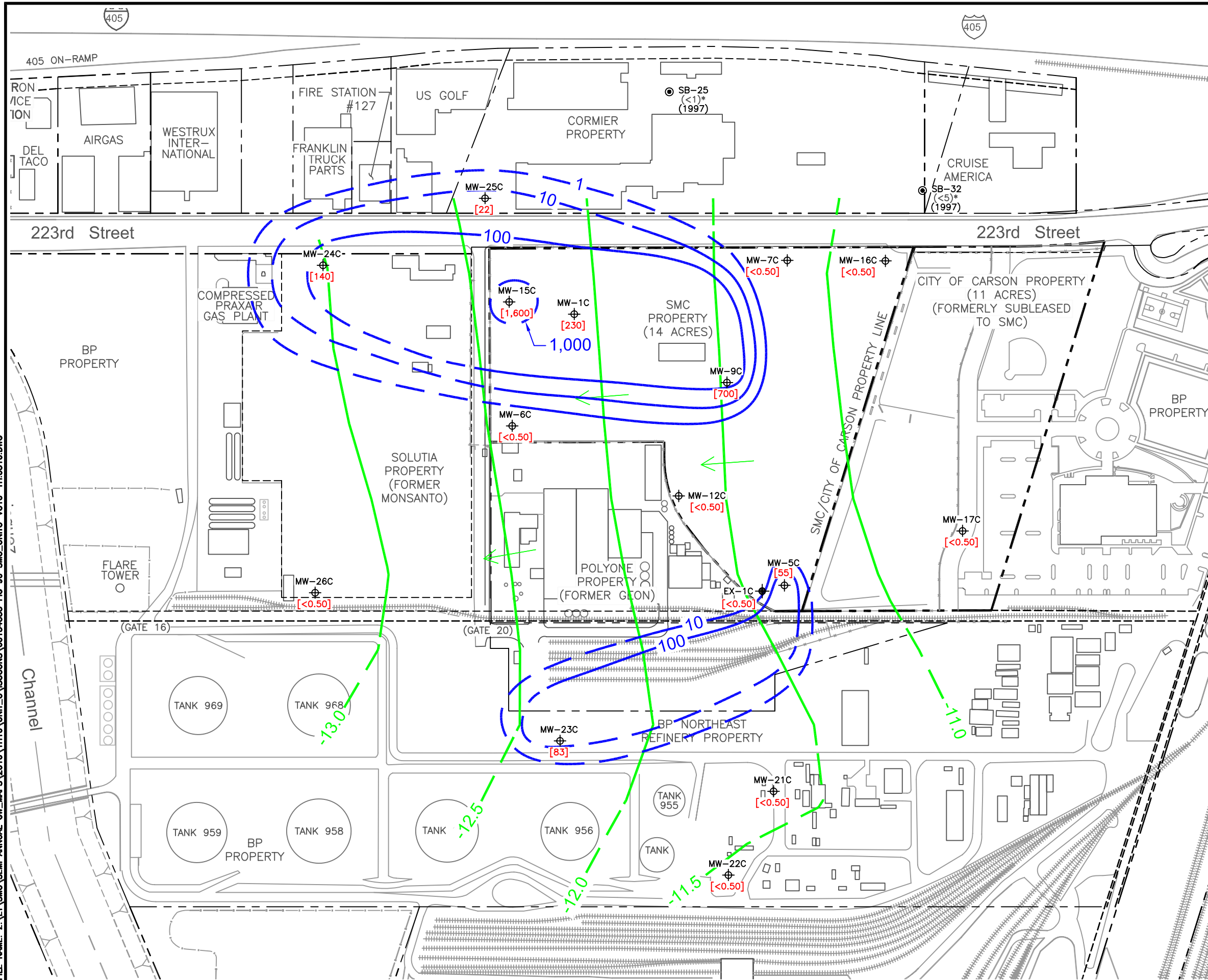
- ### Explanation
- SITE PROPERTY/BOUNDARY LINE
  - MW-16C
  - SB-32
  - EX-1C
  - [5,400]
  - 1,000
  - 13.0
  -
- GROUNDWATER MONITORING WELL LOCATION  
 FORMER HYDRO-PUNCH SAMPLING LOCATION  
 GROUNDWATER EXTRACTION WELL LOCATION  
 1,2-DCA CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM APRIL 2010 SAMPLING)  
 1,2-DCA ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)  
 INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET  
 GROUNDWATER FLOW DIRECTION

- ### Notes:
1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
  2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>1,2-DCA ISOCONCENTRATION MAP</b> UNIT C - APRIL 2010		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure 24
Project No. 60134535		

FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1H10\UNIT\_C\ISOCONS\60134535 FIG 90 SMC\_UNITC-VC10-1H.0510.DWG

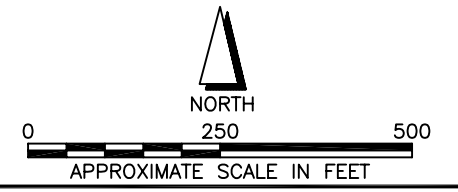


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-16C ⊕ GROUNDWATER MONITORING WELL LOCATION
- SB-32 ⊙ FORMER HYDROPUNCH SAMPLING LOCATION
- EX-1C ⊕ GROUNDWATER EXTRACTION WELL LOCATION
- [1,600] VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM APRIL 2010 SAMPLING)
- 1,000 --- VINYL CHLORIDE ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- 13.0 --- INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET
- GROUNDWATER FLOW DIRECTION
- J BETWEEN THE METHOD DETECTION LIMIT AND THE LABORATORY REPORTING LIMIT SHOWN

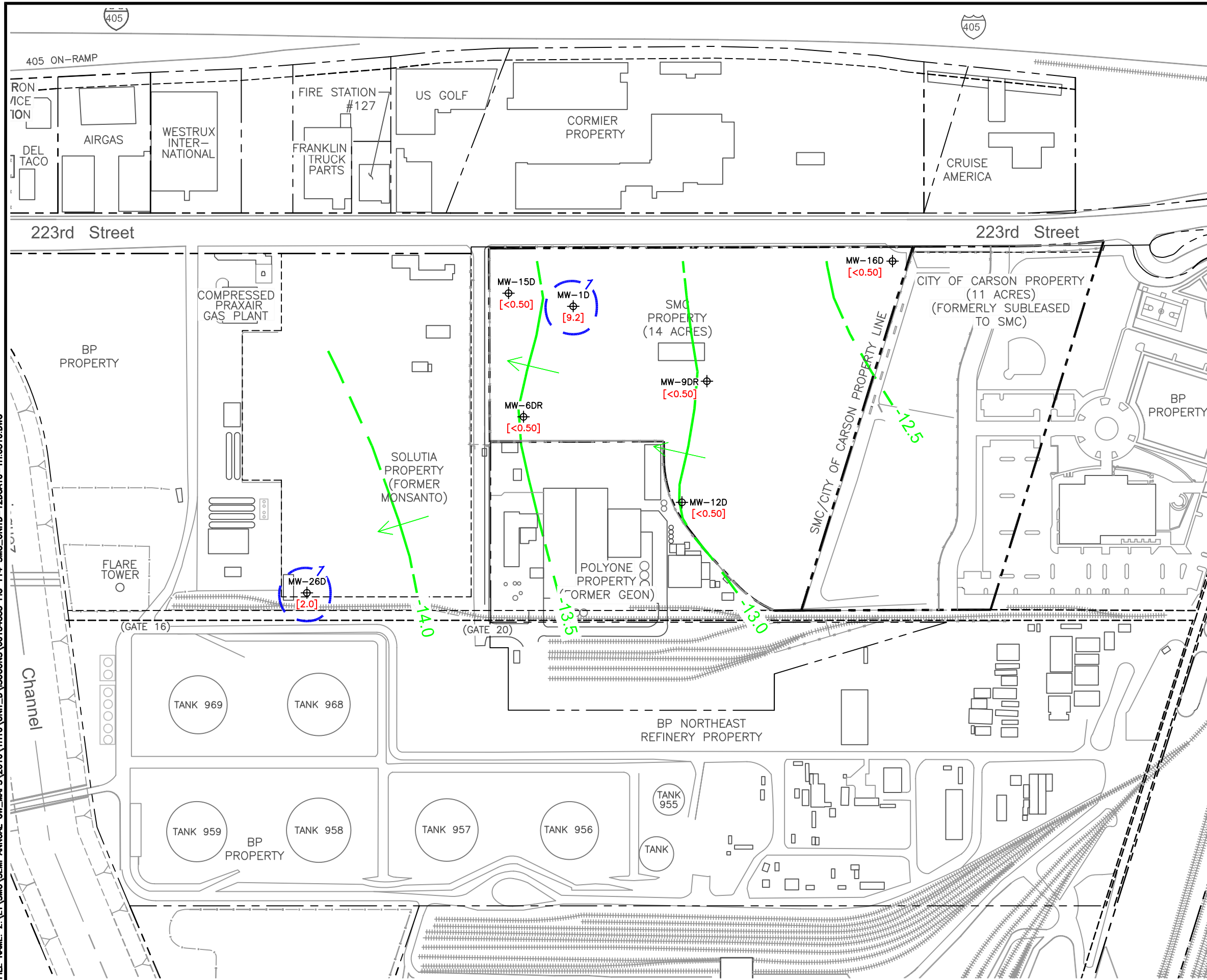
**Notes:**

1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
VINYL CHLORIDE ISOCONCENTRATION MAP UNIT C - APRIL 2010		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure
Project No.		25
60134535		

FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW\_MAPS\2010\1H10\UNIT\_D\ISOCONS\60134535 FIG 114\_SMC\_UNIT-12DCA10-1H.0510.DWG

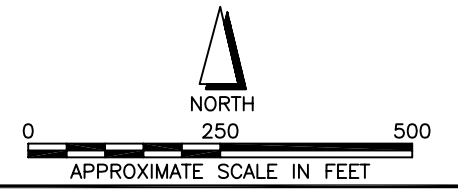


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-16D ⊕ GROUNDWATER MONITORING WELL LOCATION
- [9.2] 1,2-DCA CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM APRIL 2010 SAMPLING)
- 1,2-DCA ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- 14.0 INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET
- GROUNDWATER FLOW DIRECTION

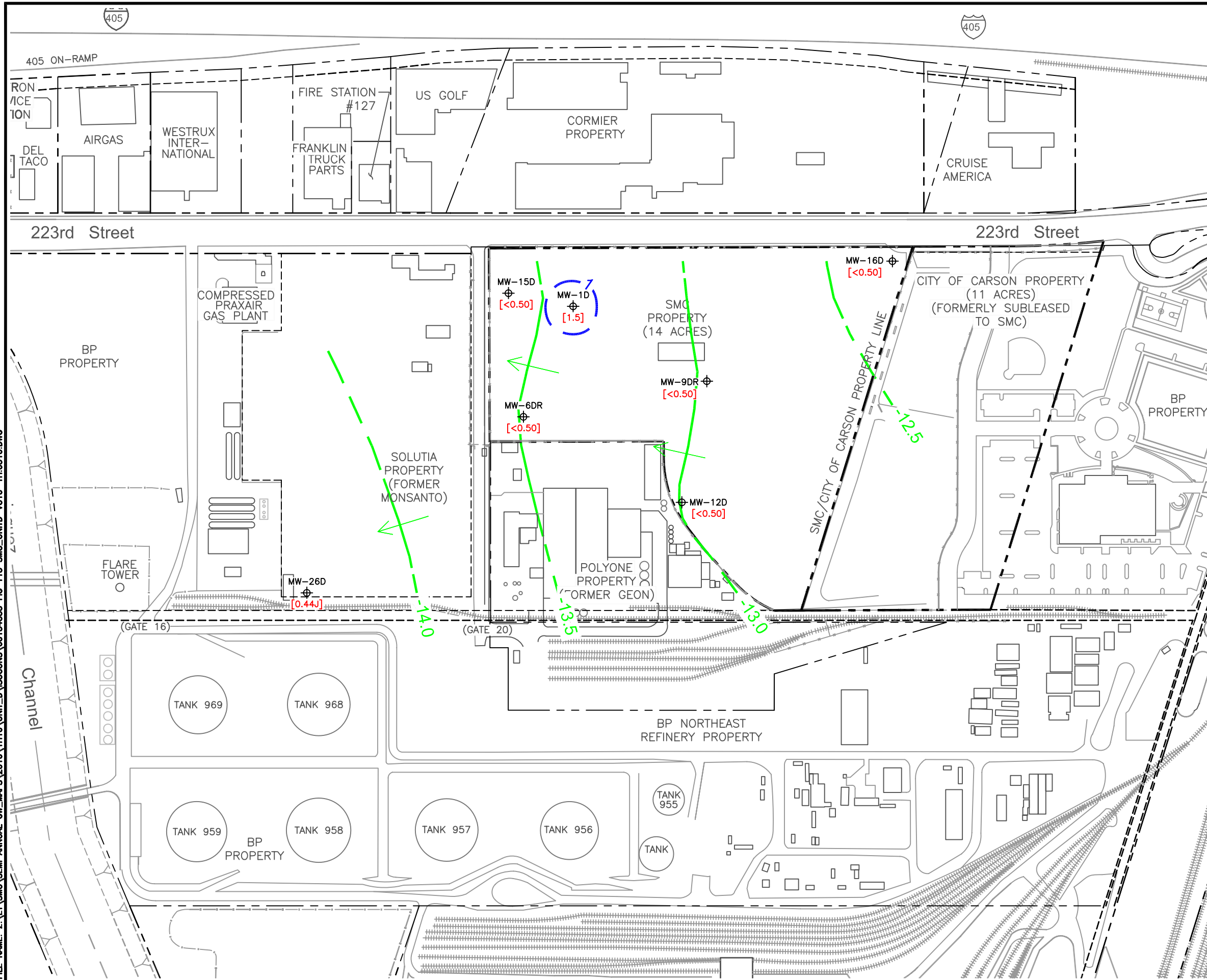
**Notes:**

1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



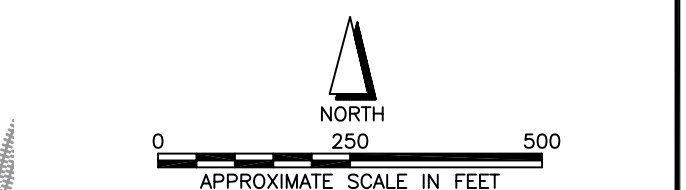
SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>1,2-DCA ISOCONCENTRATION MAP UNIT D - APRIL 2010</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10	<b>AECOM</b>	Figure 26
Project No. 60134535		

FILE NAME: Z:\ET\SMC\SEMI ANNUAL GW MAPS\2010\1H10\UNIT D\ISOCONS\60134535 FIG 115 SMC\_UNIT-VC10-1H.0510.DWG



- ### Explanation
- SITE PROPERTY/BOUNDARY LINE
  - GROUNDWATER MONITORING WELL LOCATION
  - VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER ( $\mu\text{g/L}$ ) (DATA SHOWN FROM APRIL 2010 SAMPLING)
  - VINYL CHLORIDE ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
  - INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.50 FEET
  - GROUNDWATER FLOW DIRECTION

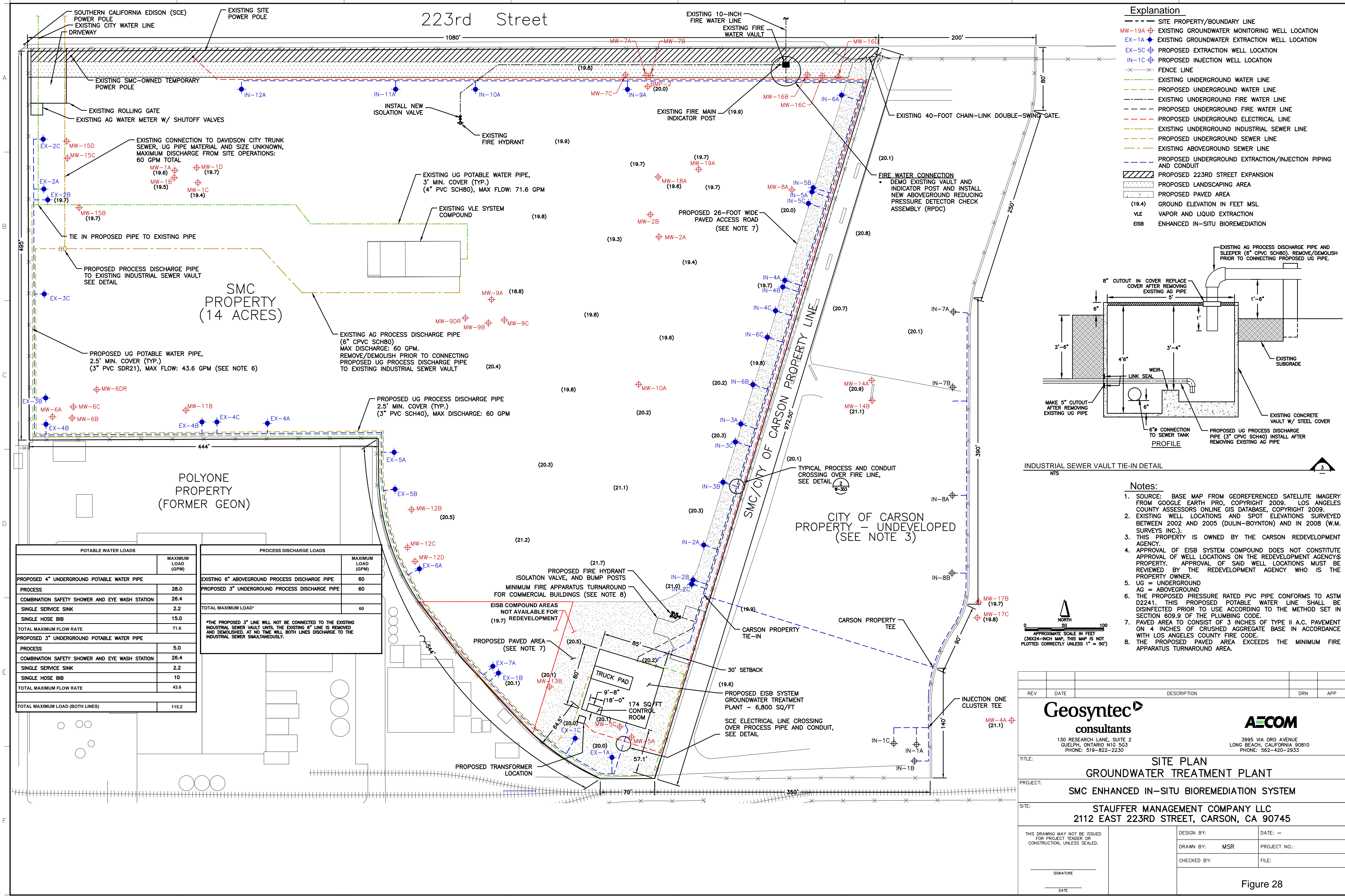
- ### Notes:
1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2008. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, 2008.
  2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEY CONDUCTED BY W.M. SURVEYS INC., OCTOBER 2008.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
VINYL CHLORIDE ISOCONCENTRATION MAP UNIT D - APRIL 2010		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 05-10		Figure
Project No. 60134535		27

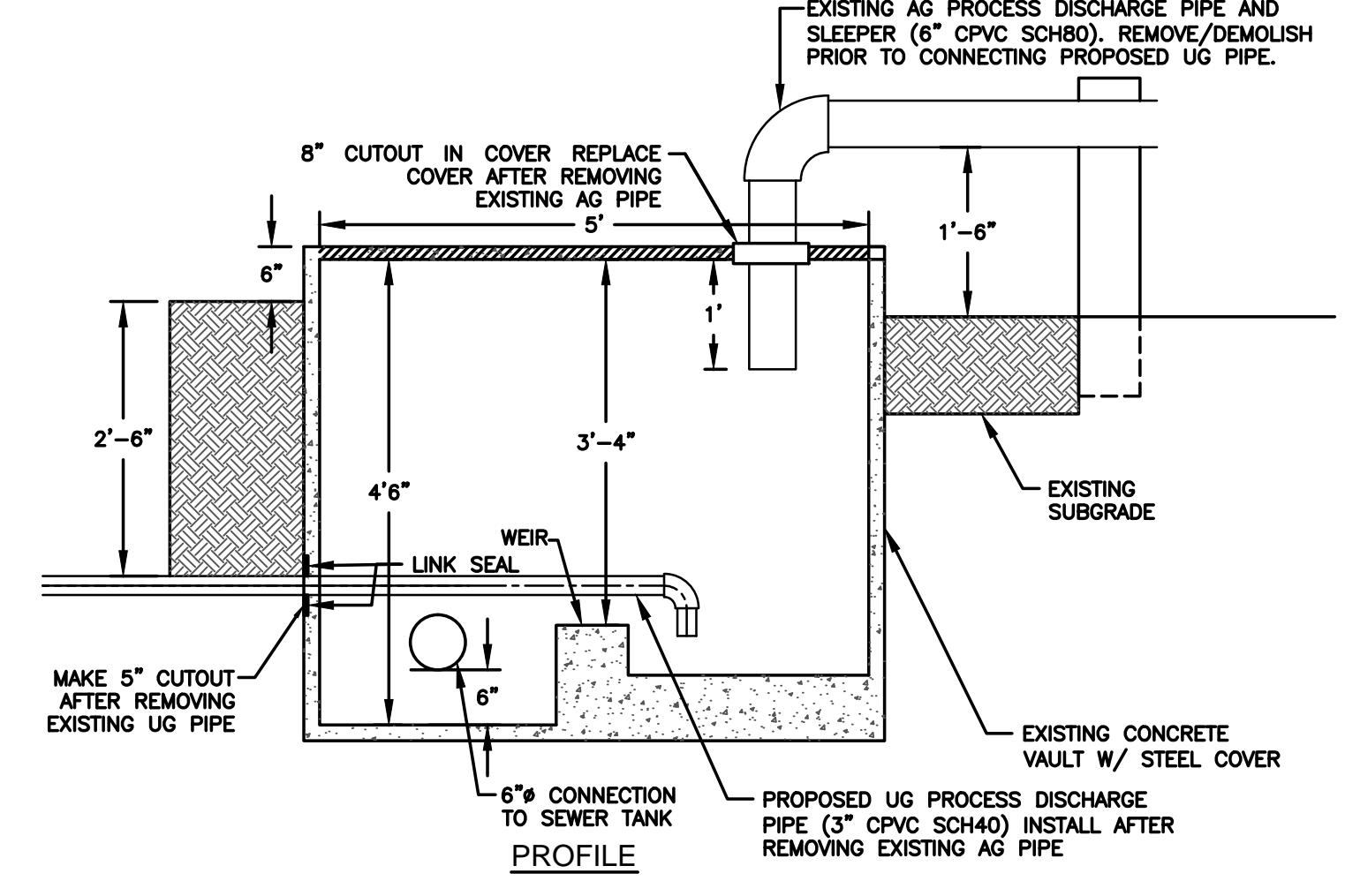


# 223rd Street



### Explanation

- SITE PROPERTY/BOUNDARY LINE
- MW-19A ⊕ EXISTING GROUNDWATER MONITORING WELL LOCATION
- EX-1A ⊕ EXISTING GROUNDWATER EXTRACTION WELL LOCATION
- EX-5C ⊕ PROPOSED EXTRACTION WELL LOCATION
- IN-1C ⊕ PROPOSED INJECTION WELL LOCATION
- × × × FENCE LINE
- EXISTING UNDERGROUND WATER LINE
- PROPOSED UNDERGROUND WATER LINE
- EXISTING UNDERGROUND FIRE WATER LINE
- PROPOSED UNDERGROUND FIRE WATER LINE
- EXISTING UNDERGROUND ELECTRICAL LINE
- PROPOSED UNDERGROUND ELECTRICAL LINE
- EXISTING UNDERGROUND INDUSTRIAL SEWER LINE
- PROPOSED UNDERGROUND SEWER LINE
- EXISTING ABOVEGROUND SEWER LINE
- PROPOSED UNDERGROUND EXTRACTION/INJECTION PIPING AND CONDUIT
- ▨ PROPOSED 223RD STREET EXPANSION
- ▨ PROPOSED LANDSCAPING AREA
- ▨ PROPOSED PAVED AREA
- (19.4) GROUND ELEVATION IN FEET MSL
- VLE VAPOR AND LIQUID EXTRACTION
- EISB ENHANCED IN-SITU BIOREMEDIATION



INDUSTRIAL SEWER VAULT TIE-IN DETAIL  
NTS

- ### Notes:
1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO, COPYRIGHT 2009. LOS ANGELES COUNTY ASSESSORS ONLINE GIS DATABASE, COPYRIGHT 2009.
  2. EXISTING WELL LOCATIONS AND SPOT ELEVATIONS SURVEYED BETWEEN 2002 AND 2005 (DULIN-BOYNTON) AND IN 2008 (W.M. SURVEYS INC.).
  3. THIS PROPERTY IS OWNED BY THE CARSON REDEVELOPMENT AGENCY.
  4. APPROVAL OF EISB SYSTEM COMPOUND DOES NOT CONSTITUTE APPROVAL OF WELL LOCATIONS ON THE REDEVELOPMENT AGENCY'S PROPERTY. APPROVAL OF SAID WELL LOCATIONS MUST BE REVIEWED BY THE REDEVELOPMENT AGENCY WHO IS THE PROPERTY OWNER.
  5. UG = UNDERGROUND  
AG = ABOVEGROUND
  6. THE PROPOSED PRESSURE RATED PVC PIPE CONFORMS TO ASTM D2241. THIS PROPOSED POTABLE WATER LINE SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN SECTION 609.9 OF THE PLUMBING CODE.
  7. PAVED AREA TO CONSIST OF 3 INCHES OF TYPE II A.C. PAVEMENT ON 4 INCHES OF CRUSHED AGGREGATE BASE IN ACCORDANCE WITH LOS ANGELES COUNTY FIRE CODE.
  8. THE PROPOSED PAVED AREA EXCEEDS THE MINIMUM FIRE APPARATUS TURNAROUND AREA.

POTABLE WATER LOADS		PROCESS DISCHARGE LOADS	
	MAXIMUM LOAD (GPM)		MAXIMUM LOAD (GPM)
PROPOSED 4" UNDERGROUND POTABLE WATER PIPE		EXISTING 6" ABOVEGROUND PROCESS DISCHARGE PIPE	60
PROCESS	28.0	PROPOSED 3" UNDERGROUND PROCESS DISCHARGE PIPE	60
COMBINATION SAFETY SHOWER AND EYE WASH STATION	26.4	TOTAL MAXIMUM LOAD*	60
SINGLE SERVICE SINK	2.2		
SINGLE HOSE BIB	15.0	*THE PROPOSED 3" LINE WILL NOT BE CONNECTED TO THE EXISTING INDUSTRIAL SEWER VAULT UNTIL THE EXISTING 6" LINE IS REMOVED AND DEMOLISHED. AT NO TIME WILL BOTH LINES DISCHARGE TO THE INDUSTRIAL SEWER SIMULTANEOUSLY.	
TOTAL MAXIMUM FLOW RATE	71.6		
PROPOSED 3" UNDERGROUND POTABLE WATER PIPE			
PROCESS	5.0		
COMBINATION SAFETY SHOWER AND EYE WASH STATION	26.4		
SINGLE SERVICE SINK	2.2		
SINGLE HOSE BIB	10		
TOTAL MAXIMUM FLOW RATE	43.6		
TOTAL MAXIMUM LOAD (BOTH LINES)	115.2		

REV	DATE	DESCRIPTION	DRN	APP

130 RESEARCH LANE, SUITE 2  
GUELPH, ONTARIO N1G 5G3  
PHONE: 519-822-2230

3995 VIA ORO AVENUE  
LONG BEACH, CALIFORNIA 90810  
PHONE: 562-420-2933

**SITE PLAN**  
**GROUNDWATER TREATMENT PLANT**

**PROJECT:**  
**SMC ENHANCED IN-SITU BIOREMEDIATION SYSTEM**

**SITE:**  
**STAUFFER MANAGEMENT COMPANY LLC**  
**2112 EAST 223RD STREET, CARSON, CA 90745**

THIS DRAWING MAY NOT BE ISSUED FOR PROJECT TENDER OR CONSTRUCTION, UNLESS SEALED.	DESIGN BY:	DATE: --
	DRAWN BY: MSR	PROJECT NO.:
	CHECKED BY:	FILE:

Figure 28

# **TABLES**

Table 1  
 Volatile Organic Compounds in Soil, July 2009  
 Progress Soil Sample Results  
 Stauffer Management Company LLC  
 2112 E 223<sup>rd</sup> Street, Carson, California

Verification Boring	Sample ID	Date	1,2-DCA (mg/kg)	TCE (mg/kg)	VC (mg/kg)	Acetone (mg/kg)	Benzene (mg/kg)	2-BT (mg/kg)	Carbon Disulfide (mg/kg)	Chloro-benzene (mg/kg)	Chloro-ethane (mg/kg)	Chloro-form (mg/kg)	1,2-DCB (mg/kg)	1,3-DCB (mg/kg)	1,4-DCB (mg/kg)	1,1-DCA (mg/kg)	1,1-DCE (mg/kg)	c-1,2-DCE (mg/kg)	t-1,2-DCE (mg/kg)	Ethyl-benzene (mg/kg)	MC (mg/kg)	1,1,1,2-PCA (mg/kg)	PCE (mg/kg)	Toluene (mg/kg)	1,1,2-TCA (mg/kg)	1,2,3-TCP (mg/kg)	p/m- Xylene (mg/kg)	o-Xylene (mg/kg)	
SB-2C	SB2C-20	07/23/09	<0.0011	<0.0021	<0.0011	<0.054	<b>0.0013</b>	<0.021	<0.011	<0.0011	<0.0021	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.011	<0.0011	<0.0011	<b>0.0011</b>	<b>0.0067</b>	<0.0021	<0.0021	<0.0011	
	SB2C-25	07/23/09	<0.0012	<0.0024	<0.0012	<0.06	<b>0.0012</b>	<0.024	<0.012	<0.0012	<0.0024	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.012	<0.0012	<0.0012	<0.0012	<0.0012	<b>0.015</b>	<0.0024	<0.0024	<0.0012
	SB2C-30	07/23/09	<b>1.2</b>	<b>0.0038</b>	<b>1.2</b>	<0.049	<0.00097	<0.019	<0.0097	<0.00097	<0.0019	<0.00097	<0.00097	<0.00097	<0.00097	<b>0.0034</b>	<b>0.01</b>	<0.00097	<b>0.0013</b>	<0.00097	<0.0097	<0.00097	<b>0.0011</b>	<0.00097	<b>0.0012</b>	<0.0019	<0.0019	<0.00097	
	SB2C-35	07/23/09	<b>14</b>	<b>0.028</b>	<b>1.4</b>	<0.045	<0.00091	<0.018	<0.0091	<0.00091	<0.0018	<0.00091	<0.00091	<0.00091	<0.00091	<b>0.017</b>	<b>0.028</b>	<b>0.44</b>	<b>0.0059</b>	<0.00091	<0.0091	<0.00091	<b>0.002</b>	<b>0.001</b>	<b>0.072</b>	<0.0018	<0.0018	<0.00091	
SB-7C	SB7C-20	07/23/09	<b>570</b>	<b>1.5</b>	<b>17</b>	<5.4	<0.11	<2.1	<1.1	<0.11	<0.21	<b>0.94</b>	<0.11	<0.11	<b>0.11</b>	<b>1.1</b>	<b>1.0</b>	<b>0.82</b>	<b>0.77</b>	<0.11	<1.1	<0.11	<b>0.67</b>	<0.11	<b>2.3</b>	<0.21	<0.21	<0.11	
	SB7C-25	07/23/09	<b>1,300</b>	<0.99	<b>17</b>	<25	<0.49	<9.9	<4.9	<0.49	<0.99	<0.49	<0.49	<0.49	<0.49	<b>1.5</b>	<0.49	<b>0.99</b>	<b>0.67</b>	<0.49	<4.9	<0.49	<0.49	<0.49	<b>1.4</b>	<0.99	<0.99	<0.49	
	SB7C-30	07/23/09	<b>890</b>	<b>0.3</b>	<b>24</b>	<4.3	<0.086	<1.7	<0.86	<0.086	<0.17	<b>0.18</b>	<0.086	<0.086	<0.086	<b>0.77</b>	<b>0.56</b>	<b>0.43</b>	<b>0.46</b>	<0.086	<0.86	<0.086	<0.086	<0.086	<b>1.5</b>	<0.17	<0.17	<0.086	
	SB7C-35	07/23/09	<b>590</b>	<1.9	<b>23</b>	<48	<0.95	<19	<9.5	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<b>1.0</b>	<0.95	<0.95	<9.5	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<1.9	<0.95
SB-8C	SB-8C-20	07/27/09	<b>0.0094</b>	<b>0.0089</b>	<0.00088	<0.044	<b>0.0018</b>	<0.018	<0.0088	<0.00088	<0.0018	<b>0.0071</b>	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.0088	<b>0.0019</b>	<b>0.0042</b>	<b>0.0012</b>	<b>0.64</b>	<b>0.0019</b>	<0.0018	<0.00088	
	SB-8C-25	07/27/09	<b>80</b>	<3.8	<1.9	<94	<1.9	<38	<19	<1.9	<3.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<19	<1.9	<1.9	<1.9	<1.9	<b>2.3</b>	<3.8	<3.8	<1.9
	SB-8C-30	07/27/09	<b>98</b>	<4.1	<2	<100	<2	<41	<20	<2	<4.1	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<b>2.1</b>	<4.1	<4.1	<2
	SB-8C-33	07/27/09	<b>460</b>	<3.9	<b>2.8</b>	<98	<2	<39	<20	<2	<3.9	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<b>6.2</b>	<3.9	<3.9	<2
SB-11C	SB11C-20	07/23/09	<b>0.012</b>	<0.0018	<b>0.011</b>	<0.044	<0.00089	<0.018	<0.0089	<0.00089	<0.0018	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.0089	<0.00089	<0.00089	<0.00089	<b>0.0016</b>	<0.0018	<0.0018	<0.00089	
	SB11C-25	07/23/09	<b>6.1</b>	<0.23	<0.11	<5.6	<0.11	<2.3	<1.1	<0.11	<0.23	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<1.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.23	<0.23	<0.11
	SB11C-30	07/23/09	<b>240</b>	<0.18	<b>17</b>	<4.5	<0.089	<1.8	<0.89	<0.089	<0.18	<0.089	<0.089	<0.089	<0.089	<b>0.14</b>	<b>0.31</b>	<0.089	<0.089	<0.089	<0.89	<0.089	<b>0.11</b>	<0.089	<b>0.22</b>	<0.18	<0.18	<0.089	
	SB11C-35	07/23/09	<b>140</b>	<0.18	<b>10</b>	<4.6	<0.091	<1.8	<0.91	<0.091	<0.18	<0.091	<0.091	<0.091	<0.091	<b>0.11</b>	<b>0.19</b>	<0.091	<0.091	<0.091	<0.91	<0.091	<0.091	<0.091	<b>0.16</b>	<0.18	<0.18	<0.091	
SB-12C	SB-12C-15	07/27/09	<b>0.0019</b>	<0.002	<0.00099	<0.049	<b>0.0015</b>	<0.02	<0.0099	<0.00099	<0.002	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099	<0.0099	<0.00099	<0.00099	<b>0.0011</b>	<b>0.0093</b>	<0.002	<0.002	<0.00099	
	SB-12C-25	07/27/09	<b>98</b>	<0.35	<b>3.1</b>	<8.8	<0.18	<3.5	<1.8	<0.18	<0.35	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<1.8	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.35	<0.18
	SB-12C-30	07/27/09	<b>220</b>	<4	<b>2.4</b>	<99	<2	<40	<20	<2	<4	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<4	<4	<2
	SB-12C-35	07/27/09	<b>240</b>	<4.3	<b>7.5</b>	<110	<2.1	<43	<21	<2.1	<4.3	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<21	<2.1	<2.1	<2.1	<2.1	<2.1	<4.3	<4.3	<2.1
SB-14C	SB-14C-20	07/24/09	<0.00086	<0.0017	<0.00086	<0.043	<b>0.0092</b>	<0.017	<0.0086	<0.00086	<0.0017	<0.00086	<0.00086	<0.00086	<0.00086	<0.00086	<0.00086	<0.00086	<0.00086	<b>0.0018</b>	<0.0086	<0.00086	<0.00086	<b>0.0096</b>	<b>0.0026</b>	<0.0017	<b>0.0023</b>	<b>0.00087</b>	
	SB-14C-25	07/24/09	<b>0.0035</b>	<0.0019	<0.00093	<0.047	<0.00093	<0.019	<0.0093	<0.00093	<0.0019	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	<0.00093	<0.0093	<0.00093	<0.00093	<0.00093	<b>0.11</b>	<0.0019	<0.0019	<0.00093	
	SB-14C-30	07/24/09	<b>47</b>	<0.19	<b>0.88</b>	<4.8	<0.095	<1.9	<0.95	<0.095	<0.19	<0.095	<0.095	<0.095	<0.095	<0.095	<b>1.5</b>	<0.095	<0.095	<0.095	<0.95	<0.095	<0.095	<0.095	<b>2.6</b>	<0.19	<0.19	<0.095	
	SB-14C-35	07/24/09	<b>3.0</b>	<0.25	<b>0.29</b>	<6.2	<0.12	<2.5	<1.2	<0.12	<0.25	<0.12	<0.12	<0.12	<0.12	<0.12	<b>0.64</b>	<0.12	<0.12	<0.12	<1.2	<0.12	<0.12	<0.12	<b>1.3</b>	<0.25	<0.25	<0.12	
SB-15C	SB15C-20	07/23/09	<b>0.0046</b>	<0.0019	<0.00096	<0.048	<0.00096	<0.019	<0.0096	<0.00096	<0.0019	<0.00096	<0.00096	<0.00096	<0.00096	<b>0.001</b>	<0.00096	<0.00096	<0.00096	<0.00096	<0.0096	<0.00096	<0.00096	<0.00096	<b>0.016</b>	<0.0019	<0.0019	<0.00096	
	SB15C-25	07/23/09	<b>5.6</b>	<0.19	<0.093	<4.6	<0.093	<1.9	<0.93	<0.093	<0.19	<0.093	<0.093	<0.093	<0.093	<0.093	<0.093	<0.093	<0.093	<0.093	<0.93	<0.093	<0.093	<0.093	<b>0.15</b>	<0.19	<0.19	<0.093	
	SB15C-30	07/23/09	<b>10</b>	<0.2	<b>0.11</b>	<4.9	<0.098	<2	<0.98	<0.098	<0.2	<0.098	<0.098	<0.098	<0.098	<0.098	<0.098	<0.098	<0.098	<0.098	<0.98	<0.098	<0.098	<0.098	<b>0.17</b>	<0.2	<0.2	<0.098	
	SB15C-35	07/23/09	<b>130</b>	<0.18	<b>0.9</b>	<4.4	<0.089	<1.8	<0.89	<0.089	<0.18	<0.089	<0.089	<0.089	<0.089	<b>0.2</b>	<b>0.39</b>	<0.089	<0.089	<0.089	<0.89	<0.089	<0.089	<0.089	<b>0.54</b>	<0.18	<0.18	<0.089	
SB-25C	SB-25C-20	07/27/09	<b>0.005</b>	<0.0016	<0.00081	<0.041	<b>0.0015</b>	<0.016	<0.0081	<0.00081	<0.0016	<0.00081	<0.00081	<0.00081	<0.00081	<0.00081	<0.00081	<0.00081	<0.00081	<0.00081	<0.0081	<0.00081	<0.00081	<0.00081	<0.00081	<0.0016	<0.0016	<0.00081	
	SB-25C-25	07/27/09	<b>92</b>	<0.97	<0.48	<24	<0.48	<9.7	<4.8	<0.48	<0.97	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<4.8	<0.48	<0.48	<0.48	<b>2.1</b>	<0.97	<0.97	<0.48	
	SB-25C-30	07/27/09	<b>150</b>	<0.9	<b>0.85</b>	<22	<0.45	<9	<4.5	<0.45	<0.9	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<4.5	<0.45	<0.45	<0.45	<b>3.5</b>	<0.9	<0.9	<0.45	
	SB-25C-35	07/27/09	<b>16</b>	<0.17	<b>0.15</b>	<4.2	<0.085	<1.7	<0.85	<0.085	<0.17	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.85	<0.085	<0.085	<0.085					

Table 1  
 Volatile Organic Compounds in Soil, July 2009  
 Progress Soil Sample Results  
 Stauffer Management Company LLC  
 2112 E 223<sup>rd</sup> Street, Carson, California

Verification Boring	Sample ID	Date	1,2-DCA (mg/kg)	TCE (mg/kg)	VC (mg/kg)	Acetone (mg/kg)	Benzene (mg/kg)	2-BT (mg/kg)	Carbon Disulfide (mg/kg)	Chloro-benzene (mg/kg)	Chloro-ethane (mg/kg)	Chloro-form (mg/kg)	1,2-DCB (mg/kg)	1,3-DCB (mg/kg)	1,4-DCB (mg/kg)	1,1-DCA (mg/kg)	1,1-DCE (mg/kg)	c-1,2-DCE (mg/kg)	t-1,2-DCE (mg/kg)	Ethyl-benzene (mg/kg)	MC (mg/kg)	1,1,1,2-PCA (mg/kg)	PCE (mg/kg)	Toluene (mg/kg)	1,1,2-TCA (mg/kg)	1,2,3-TCP (mg/kg)	p/m- Xylene (mg/kg)	o-Xylene (mg/kg)	
SB-37D	SB-37D-10	07/27/09	0.0029	<0.0019	<0.00094	<0.047	0.0019	<0.019	<0.0094	<0.00094	<0.0019	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.0094	<0.00094	<0.00094	<0.00094	0.0013	<0.0019	<0.0019	<0.00094	
	SB-37D-25	07/27/09	33	<0.81	0.87	<20	<0.4	<8.1	<4	<0.4	<0.81	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<4	<0.4	<0.4	<0.4	<0.4	0.65	<0.81	<0.81	<0.4
	SB-37D-30	07/27/09	64	<1.1	4.8	<27	<0.53	<11	<5.3	<0.53	<1.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<5.3	<0.53	<0.53	<0.53	<0.53	<1.1	<1.1	<0.53	
	SB-37D-35	07/27/09	71	<0.92	1.2	<23	<0.46	<9.2	<4.6	<0.46	<0.92	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<4.6	<0.46	<0.46	<0.46	<0.46	0.94	<0.92	<0.92	<0.46
SB-38C	SB-38C-20	07/24/09	0.002	<0.0019	<0.00094	<0.047	0.0016	<0.019	<0.0094	<0.00094	<0.0019	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.0094	<0.00094	<0.00094	<0.00094	0.0016	0.0026	<0.0019	<0.0019	<0.00094
	SB-38C-25	07/24/09	<0.00094	<0.0019	<0.00094	<0.047	<0.00094	<0.019	<0.0094	<0.00094	<0.0019	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.0094	<0.00094	<0.00094	<0.00094	0.0012	<0.0019	<0.0019	<0.00094	
	SB-38C-30	07/24/09	<0.0011	<0.0022	<0.0011	<0.056	0.0022	<0.022	<0.011	<0.0011	<0.0022	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.011	<0.0011	<0.0011	<0.0011	0.0012	<0.0011	<0.0022	<0.0022	<0.0011
	SB-38C-35	07/24/09	0.0028	<0.0019	<0.00096	<0.048	<0.00096	<0.019	<0.0096	<0.00096	<0.0019	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.0096	<0.00096	<0.00096	<0.00096	0.0011	<0.0019	<0.0019	<0.00096	
SB-39D	SB-39D-20	07/27/09	4.6	0.24	<0.085	<4.2	<0.085	<1.7	<0.85	<0.085	<0.17	0.094	<0.085	<0.085	<0.085	0.29	<0.085	<0.085	<0.085	<0.085	<0.085	<0.85	<0.085	0.14	<0.085	<0.085	<0.17	<0.17	<0.085
	SB-39D-25	07/27/09	3.3	0.25	<0.086	<4.3	<0.086	<1.7	<0.86	<0.086	<0.17	0.087	0.21	<0.086	0.27	0.22	<0.086	<0.086	<0.086	<0.086	<0.086	<0.86	<0.086	0.34	<0.086	0.13	<0.17	<0.17	<0.086
	SB-39D-30	07/27/09	0.29	0.014	0.008	<0.045	<0.00089	<0.018	<0.0089	0.00095	<0.0018	0.0051	0.0086	0.0011	0.0095	0.015	0.01	0.0012	0.0022	<0.00089	<0.0089	<0.00089	0.015	<0.00089	0.017	<0.0018	<0.0018	<0.00089	
	SB-39D-35	07/27/09	4.9	<0.18	0.34	<4.4	<0.089	<1.8	<0.89	<0.089	<0.18	<0.089	<0.089	<0.089	<0.089	0.17	0.61	<0.089	<0.089	<0.089	<0.089	<0.89	<0.089	0.095	<0.089	0.59	<0.18	<0.18	<0.089
SB-40B	SB-40B-20	07/24/09	0.0066	<0.0018	<0.00091	<0.046	0.0058	<0.018	<0.0091	<0.00091	<0.0018	<0.00091	0.002	<0.00091	<0.00091	<0.00091	<0.00091	<0.00091	<0.00091	<0.00091	<0.0091	<0.00091	0.0022	0.0048	0.038	<0.0018	<0.0018	<0.00091	
	SB-40B-25	07/24/09	0.0074	<0.0018	<0.00092	<0.046	0.0049	<0.018	<0.0092	<0.00092	<0.0018	<0.00092	0.0018	<0.00092	<0.00092	<0.00092	0.00095	<0.00092	<0.00092	<0.00092	<0.0092	<0.00092	0.0013	0.0045	0.041	0.0022	<0.0018	<0.00092	
	SB-40B-30	07/24/09	0.0067	<0.0019	<0.00094	<0.047	0.0028	<0.019	<0.0094	<0.00094	<0.0019	<0.00094	0.0013	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.0094	<0.00094	0.0011	0.002	0.031	<0.0019	<0.0019	<0.00094	
	SB-40B-35	07/24/09	0.004	<0.0021	<0.001	<0.052	<0.001	<0.021	<0.01	<0.001	<0.0021	<0.001	<0.001	<0.001	<0.001	<0.001	0.0063	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	0.14	<0.0021	<0.0021	<0.001	
SB-41D	SB-41D-20	07/24/09	1.4	<0.19	<0.096	<4.8	<0.096	<1.9	<0.96	<0.096	<0.19	<0.096	<0.096	<0.096	<0.096	<0.096	<0.096	<0.096	<0.096	<0.096	<0.96	<0.096	<0.096	<0.096	<0.096	<0.19	<0.19	<0.096	
	SB-41D-25	07/24/09	0.035	0.0041	<0.00096	<0.048	0.0018	<0.019	<0.0096	<0.00096	<0.0019	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.0096	<0.00096	0.0025	0.0014	0.0016	<0.0019	<0.0019	<0.00096	
	SB-41D-30	07/24/09	0.15	<0.0018	<0.00088	<0.044	<0.00088	<0.018	<0.0088	<0.00088	<0.0018	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.0088	<0.00088	<0.00088	0.0016	<0.00088	<0.0018	<0.0018	<0.00088	
	SB-41D-35	07/24/09	1,100	<9.2	<4.6	<230	<4.6	<92	<46	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<46	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<9.2	<4.6
VB-2B	VB-2B-20	07/24/09	0.0022	<0.0019	<0.00095	<0.047	0.0012	<0.019	<0.0095	<0.00095	<0.0019	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.0095	<0.00095	<0.00095	<0.00095	0.0011	<0.00095	<0.0019	<0.0019	<0.00095
	VB-2B-25	07/24/09	0.019	0.0044	<0.0012	<5.2	0.0015	0.094	<0.012	<0.0012	<0.0024	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	0.0097	<0.0012	<0.0012	<0.012	<0.0012	<0.0012	<0.0012	0.0025	<0.0012	<0.0024	<0.0024	<0.0012
	VB-2B-30	07/24/09	0.01	0.0066	<0.0009	<4.3	0.0011	<1.7	<0.009	<0.0009	<0.0018	<0.0009	<0.0009	<0.0009	<0.0009	<0.0009	<0.0009	0.006	<0.0009	<0.0009	<0.009	<0.0009	<0.0009	<0.0009	0.0017	<0.0009	<0.0018	<0.0018	<0.0009
	VB-2B-35	07/24/09	<0.094	<0.19	<0.094	<4.7	<0.094	<1.9	<0.94	<0.094	<0.19	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.94	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	<0.094	
VB5B	VB5B-20	07/28/09	<0.00083	<0.0017	<0.00083	<4.1	<0.00083	0.077	<0.083	<0.00083	<0.0017	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	<0.00083	0.013	<0.00083	<0.00083	<0.0083	<0.00083	<0.00083	0.0017	<0.00083	<0.0017	<0.0017	<0.00083	
	VB5B-25	07/28/09	<0.00095	<0.0019	0.012	<4.3	0.0053	<0.019	<0.0095	<0.00095	<0.0019	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	0.023	<0.00095	<0.00095	<0.0095	<0.00095	<0.00095	0.0049	<0.00095	<0.0019	<0.0019	<0.00095	
	VB5B-30	07/28/09	0.0015	<0.0018	0.01	<4.4	0.0044	<1.8	0.015	<0.00089	<0.0018	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	0.033	<0.00089	<0.00089	<0.0089	<0.00089	<0.00089	0.0098	<0.00089	<0.0018	<0.0018	<0.00089	
	VB5B-35	07/28/09	<0.00088	<0.0018	0.018	<4.7	0.0029	<1.9	<0.0088	<0.00088	<0.0018	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	<0.00088	0.063	<0.00088	<0.00088	<0.0088	<0.00088	<0.00088	0.024	<0.00088	<0.0018	<0.0018	<0.00088	
VB-9B	VB-9B-20	07/27/09	<0.084	<0.17	0.11	<4.2	<0.084	<1.7	<0.84	<0.084	<0.17	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	0.82	<0.084	<0.084	<0.84	<0.084	<0.084	<0.084	<0.084	<0.17	<0.17	<0.084	
	VB-9B-25	07/27/09	0.34	0.87	0.12	<4.8	<0.095	<1.9	<0.95	<0.095	<0.19	<0.095	<0.095	<0.095	<0.095	<0.095	<0.095	0.23	<0.095	<0.095	<0.95	<0.095	<0.095	<0.095	<0.095	<0.19	<0.19	<0.095	
	VB-9B-30	07/27/09	14	7.1	0.21	<4.4	<0.087	<1.7	<0.87	<0.087	<0.17	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	0.76	<0.087	<0.087	<0.87	<0.087	<0.087	0.096	<0.087	<0.087	<0.17	<0.17	<0.087
	VB-																												

**Table 2**  
**Summary of Volatile Organic Compounds Results**  
**April 2010 Monitoring Event**  
**Stauffer Management Company LLC**  
**Carson, California**

Well	Sampling Date	1,2-DCA (µg/L)	TCE (µg/L)	VC (µg/L)	PCE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)	1,1-DCA (µg/L)	1,1-DCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	BZ (µg/L)	CLBZ (µg/L)	EBZ (µg/L)	toluene (µg/L)	xylene, total (µg/L)	MTBE (µg/L)	CF (µg/L)	MeCL (µg/L)
<b>PERCHED WELL</b>																			
<b>SMC On-Site Well</b>																			
MW-4A	04/13/2010	<0.50	3.1	0.84	0.77 J	<1.0	<1.0	2.3	<1.0	7.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
<b>UNIT A WELLS</b>																			
<b>SMC On-Site Wells</b>																			
MW-1A	04/12/2010	33,000	100 J	320	<250	<250	700	<250	280	<250	<250	<120	<250	<120	<120	<250	<250	<250	<1,200
MW-2A	04/07/2010	11,000	110	880	38 J	<100	150	<100	73 J	73 J	57 J	<50	<100	<50	<50	<100	<100	270	180 J
MW-3A	04/13/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	14	<0.50	0.88 J	<1.0	<1.0	<5.0
MW-5A	04/12/2010	22,000	400	4,200	46 J	<50	1,400	170	2,100	760	88	<25	33 J	<25	<25	<50	<50	<50	<250
	04/12/2010 <sup>d</sup>	22,000	390	4,000	44 J	<50	1,300	170	2,000	720	82	<25	30 J	<25	<25	<50	<50	<50	<250
MW-6A	04/06/2010	520	33	3.7	55	<5.0	1,100	18	33	<5.0	<5.0	<2.5	<5.0	<2.5	<2.5	<5.0	<5.0	6.8	6.0 J
MW-7A	04/12/2010	9,200	4,300	2,300	<100	<100	<100	<100	<100	7,900	<100	<50	<100	<50	120	<100	<100	<100	<500
MW-7B	04/06/2010	0.47 J	1.4	9.9	<1.0	<1.0	<1.0	<1.0	<1.0	0.50 J	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
BMP-2	04/07/2010	<25	<50	3,600	<50	<50	<50	<50	<50	940	<50	<25	<50	<25	66	<50	<50	<50	<250
MW-8A	04/07/2010	7,600	140	350	<50	<50	<50	<50	<50	40 J	<50	<25	<50	<25	<25	<50	<50	<50	64 J
MW-9A	04/12/2010	65,000	330 J	2,000	<500	<500	240 J	880	<500	280 J	250 J	<250	<500	<250	<250	<500	<500	<500	<2,500
MW-10A	04/07/2010	1,400	360	6,000	<100	<100	<100	<100	<100	5,300	<100	<50	<100	<50	120	<100	<100	<100	200 J
MW-14A	04/12/2010	67,000	430	980	<200	<200	<200	<200	<200	120 J	<200	<100	<200	<100	<100	<200	<200	<200	<1,000
MW-18A	04/07/2010	<50	<100	4,600	<100	<100	<100	<100	<100	1,300	<100	<50	<100	<50	240	<100	<100	<100	120 J
MW-19A	04/12/2010	15,000	21,000	3,200	<250	<250	<250	<250	160 J	96,000	<250	100 J	<250	<120	7,600	<250	<250	<250	<1,200
	04/12/2010 <sup>d</sup>	17,000	25,000	3,500	<250	<250	<250	<250	170 J	100,000	<250	120	<250	<120	8,600	<250	<250	<250	<1,200
EX-1A	04/15/2010	11,000	230	2,500	<100	<100	380	<100	310	1,600	<100	<50	<100	<50	<50	<100	<100	<100	<500
<b>SMC Off-Site Wells</b>																			
MW-20A	04/09/2010	42	0.41 J	<0.50	0.35 J	<1.0	2.4	9.3	<1.0	<1.0	<1.0	<0.50	1.8	<0.50	<0.50	<1.0	170	<1.0	<5.0
MW-21A	04/08/2010	22	0.26 J	<0.50	<1.0	<1.0	0.54 J	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	1.1 J
	04/08/2010 <sup>d</sup>	22	<1.0	<0.50	<1.0	<1.0	0.49 J	<1.0	0.42 J	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	1.2 J
MW-22A	04/09/2010	80	16	3.8	<1.0	<1.0	1.0	0.48 J	1.3	1.1	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
<b>BP Wells</b>																			
AW-34R	04/07/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
AW-35S	04/16/2010	4.2	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	0.42 J	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
AW-95D	04/09/2010	72,000	370 J	2,700	<500	<500	700	320 J	460 J	470 J	160 J	<250	<500	<250	<250	<500	<500	790	<2,500
AW-97D	04/16/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
AW-98D	04/09/2010	1.2	7.6	<0.50	0.75 J	<1.0	13	4.0	2.8	4.5	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	0.66 J	<5.0
	04/09/2010 <sup>d</sup>	1.2	7.8	<0.50	0.71 J	<1.0	14	4.1	3.1	4.9	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	0.67 J	<5.0
AW-519D	04/05/2010	280	2.3	9.1	<2.0	<2.0	7.7	65	1.5 J	1.4 J	<2.0	1.0	4.7	<1.0	<1.0	<2.0	3.2	<2.0	<10 (U)
AW-520D	04/16/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
AW-521D	04/16/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
<b>Cormier Wells</b>																			
CMW-1	04/13/2010	670	<10	47	<10	<10	<10	7.0 J	5.6 J	6.4 J	4.4 J	<5.0	<10	<5.0	<5.0	<10	<10	<10	<50
CMW-4	04/13/2010	<0.50	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
CMW-6	04/13/2010	13,000	41 J	1,200	<50	<50	20 J	64	44 J	200	140	690	<50	<25	<25	<50	<50	<50	<250



**Table 2**  
**Summary of Volatile Organic Compounds Results**  
**April 2010 Monitoring Event**  
**Stauffer Management Company LLC**  
**Carson, California**

Well	Sampling Date	1,2-DCA (µg/L)	TCE (µg/L)	VC (µg/L)	PCE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)	1,1-DCA (µg/L)	1,1-DCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	BZ (µg/L)	CLBZ (µg/L)	EBZ (µg/L)	toluene (µg/L)	xylene, total (µg/L)	MTBE (µg/L)	CF (µg/L)	MeCL (µg/L)
<b>UNIT A WELLS (cont'd)</b>																			
<b>Fire Station Wells</b>																			
FMW-1	04/14/2010	32	0.59 J	4.9	<1.0	<1.0	0.45 J	9.0	0.74 J	1.0	2.3	8.4	0.45 J	<0.50	<0.50	<1.0	4.1	<1.0	<5.0
FMW-2	04/14/2010	0.31 J	0.41 J	<0.50	4.2	<1.0	0.77 J	1.3	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	0.87 J	<5.0
FMW-3	04/14/2010	35	0.47 J	1.9	1.3	<1.0	0.82 J	3.9	0.91 J	<1.0	0.71 J	<0.50	<1.0	<0.50	<0.50	<1.0	39	<1.0	<5.0
FMW-4	04/14/2010	70	0.97 J	0.63	<1.0	<1.0	1.7	7.4	0.90 J	0.44 J	1.0	3.9	<1.0	<0.50	<0.50	<1.0	5.8	<1.0	1.0 J
<b>Monsanto Wells</b>																			
W-3	04/07/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	6.8	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
W-9S	04/08/2010	8,100	50 J	420	<100	<100	130	150	110	<100	<100	<50	<100	<50	<50	<100	<100	<100	<500 (U)
W-10	04/08/2010	3,800	10	440	7.5 J	<10	340	370	27	29	99	110	38	<5.0	<5.0	<10	11	130	<50
OW-1	04/08/2010	130	20	21	260	<2.0	29	70	14	18	24	<1.0	<2.0	<1.0	<1.0	<2.0	1.4 J	2.0	<10 (U)
OW-2	04/07/2010	3,800	22 J	150	<40	16 J	110	360	46	36 J	59	1,600	250	<20	<20	<40	<40	<40	<200
OW-5	04/05/2010	<10	<20	<10	<20	<20	<20	<20	<20	<20	<20	46	1,500	<10	<10	<20	<20	<20	<100 (U)
OW-6	04/07/2010	7,400	28 J	110	44 J	28 J	150	450	40 J	66	110	<25	62	<25	<25	<50	38 J	<50	<250
<b>PolyOne Wells</b>																			
GMW-1	04/15/2010	0.76	0.74 J	<0.50	1.4	<1.0	1.2	<1.0	<1.0	0.85 J	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
GMW-2	04/15/2010	13	0.36 J	10	<1.0	<1.0	<1.0	1.1	<1.0	2.1	0.96 J	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0 (U)
	04/15/2010 <sup>d</sup>	13	0.36 J	10	<1.0	<1.0	<1.0	1.1	<1.0	2.2	0.99 J	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0 (U)
GMW-3	04/15/2010	0.76	0.72 J	<0.50	0.96 J	<1.0	2.9	0.65 J	0.95 J	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	0.48 J	<5.0
GMW-4	04/15/2010	0.92	3.0	<0.50	2.9	<1.0	88	4.8	2.1	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	0.96 J	<5.0 (U)
GMW-5	04/15/2010	65	5.2	3.6	3.1	<2.5	240	11	13	<2.5	<2.5	<1.2	<2.5	<1.2	<1.2	<2.5	<2.5	1.8 J	<12
GMW-6	04/05/2010	16	0.70 J	2.4	<2.5	<2.5	<2.5	5.9	<2.5	1.1 J	<2.5	4.6	810	<1.2	<1.2	<2.5	<2.5	<2.5	<12 (U)
GMW-7	04/15/2010	3.6	34	<0.50	2.8	<1.0	23	8.3	11	27	0.50 J	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	1.8	<5.0 (U)
<b>UNIT B WELLS</b>																			
<b>SMC On-Site Wells</b>																			
MW-1B	04/12/2010	7,200	130	9,500	<20	<20	<20	380	160	1,800	330	30	<20	<10	<10	<20	<20	<20	<100
MW-2B	04/06/2010	81	0.53 J	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	9.2	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-6B	04/12/2010	39,000	1,400	4,300	<100	<100	110	63 J	120	7,400	120	<50	<100	<50	<50	<100	<100	77 J	<500
MW-9B	04/12/2010	17,000	79	2,700	<50	<50	150	170	120	290	140	18 J	<50	<25	<25	<50	<50	51	<250
MW-11B	04/12/2010	36,000	940	3,100	<100	<100	100	59 J	90 J	6,200	110	<50	<100	<50	<50	<100	<100	77 J	<500
MW-12B	04/12/2010	24,000	1,200	4,900	<50	<50	190	67	200	7,300	130	19 J	<50	<25	<25	<50	<50	77	<250
MW-13B	04/12/2010	55,000	470	1,800	<100	<100	160	<100	140	1,000	<100	<50	<100	<50	<50	<100	<100	<100	<500
MW-14B	04/06/2010	210	3.5	290	<1.0	<1.0	<1.0	1.2	5.0	3.7	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-15B	04/07/2010	1,700	160 J	13,000	<200	<200	<200	450	180 J	1,600	300	<100	<200	<100	<100	<200	<200	<200	320 J
MW-16B	04/05/2010	0.63	<1.0	0.54	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-17B	04/13/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
EX-1B	04/14/2010	34,000	280 J	1,900	<500	<500	<500	<500	<500	1,800	<500	<250	<500	<250	<250	<500	<500	<500	<2,500 (U)
EX-2B	04/14/2010	7,200	46 J	4,700	<100	<100	140	250	210	460	180	<50	<100	<50	<50	<100	<100	<100	<500 (U)
	04/14/2010 <sup>d</sup>	7,400	52 J	4,700	<100	<100	140	250	210	470	180	<50	<100	<50	<50	<100	<100	<100	<500 (U)



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**Summary of Volatile Organic Compounds Results**  
**April 2010 Monitoring Event**  
**Stauffer Management Company LLC**  
**Carson, California**

Well	Sampling Date	1,2-DCA (µg/L)	TCE (µg/L)	VC (µg/L)	PCE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)	1,1-DCA (µg/L)	1,1-DCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	BZ (µg/L)	CLBZ (µg/L)	EBZ (µg/L)	toluene (µg/L)	xylene, total (µg/L)	MTBE (µg/L)	CF (µg/L)	MeCL (µg/L)
<b>UNIT B WELLS (cont'd)</b>																			
<b>SMC Off-Site Wells</b>																			
MW-21B	04/08/2010	220	8.2	63	1.2 J	<2.5	15	7.3	18	2.6	3.0	<1.2	<2.5	<1.2	<1.2	<2.5	<2.5	<2.5	<12 (U)
MW-22B	04/08/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	0.99 J
MW-23B	04/08/2010	15	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-24B	04/07/2010	35,000	380	2,900	<100	<100	380	270	1,100	2,600	66 J	29 J	<100	<50	<50	<100	<100	<100	210 J
MW-25B	04/13/2010	410	5.0	32	<1.0	<1.0	0.73 J	2.2	4.2	39	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
<b>BP Wells</b>																			
AW-35D	04/16/2010	3.3	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	0.48 J	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
AW-100D	04/09/2010	94,000	480 J	8,800	<1,000	<1,000	2,000	450 J	2,800	670 J	<1,000	<500	<1,000	<500	<500	<1,000	<1,000	<1,000	<5,000
W-1D	04/06/2010	45	0.29 J	0.90	<1.0	<1.0	<1.0	1.2	<1.0	1.7	<1.0	25	60	<0.50	0.38 J	<1.0	<1.0	<1.0	<5.0
W-6D	04/07/2010	8.9	<1.0	1.0	<1.0	<1.0	<1.0	0.91 J	<1.0	<1.0	<1.0	27	0.72 J	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
W-9D	04/08/2010	17,000	27 J	3,000	<50	<50	240	530	230	60	98	1,700	<50	<25	<25	<50	<50	240	<250 (U)
	04/08/2010 <sup>d</sup>	30,000	52 J	2,100	<100	<100	500	730	270	100	150	1,100	<100	<50	<50	<100	<100	510	<500 (U)
<b>UNIT C WELLS</b>																			
<b>SMC On-Site Wells</b>																			
MW-1C	04/06/2010	140	4.0	230	<1.0	<1.0	<1.0	5.9	4.4	51	6.5	0.65	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0 (U)
MW-5C	04/07/2010	2,300	12 J	55	<20	<20	<20	<20	<20	16 J	<20	<10	<20	<10	<10	<20	<20	<20	28 J
MW-6C	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-7C	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-9C	04/07/2010	5,400	180	700	<50	<50	<50	<50	<50	1,200	<50	<25	<50	<25	<25	<50	<50	<50	48 J
MW-12C	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-15C	04/07/2010	120	24	1,400	<5.0	<5.0	<5.0	38	26	280	37	4.2	<5.0	<2.5	<2.5	<5.0	<5.0	<5.0	<25
	04/07/2010 <sup>d</sup>	130	25	1,600	<5.0	<5.0	<5.0	39	29	290	39	4.2	<5.0	<2.5	<2.5	<5.0	<5.0	<5.0	<25
MW-16C	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-17C	04/13/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
EX-1C	04/14/2010	0.39 J	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0 (U)
<b>SMC Off-Site Wells</b>																			
MW-21C	04/08/2010	19	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	1.3 J
MW-22C	04/08/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-23C	04/08/2010	2,400	11	83	<2.5	<2.5	3.7	13	25	16	7.5	<1.2	<2.5	<1.2	<1.2	<2.5	<2.5	<2.5	2.4 J
MW-24C	04/07/2010	4,900	17	140	<10	<10	28	25	63	150	3.9 J	42	<10	<5.0	<5.0	<10	<10	<10	11 J
MW-25C	04/13/2010	720	1.4 J	22	<2.0	<2.0	<2.0	<2.0	<2.0	62	<2.0	<1.0	<2.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10
MW-26C	04/12/2010	1.4	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
<b>UNIT D WELLS</b>																			
<b>SMC On-Site Wells</b>																			
MW-1D	04/06/2010	9.2	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-6DR	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
	04/05/2010 <sup>d</sup>	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-9DR	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-12D	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-15D	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
MW-16D	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
<b>SMC Off-Site Well</b>																			
MW-26D	04/12/2010	2.0	<1.0	0.44 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0



**Table 2**  
**Summary of Volatile Organic Compounds Results**  
**April 2010 Monitoring Event**  
**Stauffer Management Company LLC**  
**Carson, California**

Well	Sampling Date	1,2-DCA (µg/L)	TCE (µg/L)	VC (µg/L)	PCE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)	1,1-DCA (µg/L)	1,1-DCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	BZ (µg/L)	CLBZ (µg/L)	EBZ (µg/L)	toluene (µg/L)	xylenes, total (µg/L)	MTBE (µg/L)	CF (µg/L)	MeCL (µg/L)
<b>UNIT E WELL</b>																			
<b>SMC On-Site Well</b>																			
MW-9E	04/05/2010	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0
	04/05/2010 <sup>d</sup>	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0

**Notes:**

Compounds not shown here were not detected in SMC wells at concentrations greater than laboratory reporting limits unless noted below.  
 All SMC sampled wells were analyzed using EPA Method 8260B unless otherwise noted below.

<sup>d</sup> Duplicate Sample

\*\* Sample data provided by other consultants in April 2010 (VOCs analyzed by EPA Method 8021B).

< Less than the laboratory reporting limit shown

N/A Not Analyzed

**Laboratory-Assigned Qualifiers**

J Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).

**Data Validation Qualifiers**

(U) The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

**Definitions**

1,2-DCA	1,2-dichloroethane
TCE	trichloroethene (TCE)
VC	vinyl chloride
PCE	tetrachloroethene (PCE)
1,1,1-TCA	1,1,1-trichloroethane
1,1,2-TCA	1,1,2-trichloroethane
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
cis-1,2-DCE	cis-1,2-dichloroethene
trans-1,2-DCE	trans-1,2-dichloroethene
BZ	benzene
CLBZ	chlorobenzene
EBZ	ethylbenzene
MTBE	methyl tert-butyl ether (MTBE)
CF	chloroform
MeCL	methylene chloride

<b>Other Detected Analytes (µg/L)</b>							
MW-3A	sec-butylbenzene -- 2.2	CMW-6	chloroethane -- 38 J	OW-2	bromobenzene -- 18 J	GMW-6	bromobenzene -- 43
	tert-butylbenzene -- 0.43 J	FMW-1	chloroethane -- 0.58 J		tert-butylbenzene -- 23 J		sec-butylbenzene -- 1.8 J
	isopropylbenzene -- 7.6	FMW-4	chloroethane -- 0.80 J	OW-5	bromobenzene -- 49		tert-butylbenzene -- 9.6
	p-isopropyltoluene -- 1.4	W-3	sec-butylbenzene -- 3.4		tert-butylbenzene -- 19 J		2-chlorotoluene -- 5.4
	naphthalene -- 4.0		tert-butylbenzene -- 110		2-chlorotoluene -- 44		1,2-dichlorobenzene -- 4.5
	n-propylbenzene -- 5.6	W-10	bromobenzene -- 3.0 J		4-chlorotoluene -- 6.4 J		1,4-dichlorobenzene -- 9.3
	1,2,4-trimethylbenzene -- 10		n-butylbenzene -- 4.2 J		1,2-dichlorobenzene -- 6.8 J		1,2-dichloropropane -- 1.2 J
	1,3,5-trimethylbenzene -- 1.3		sec-butylbenzene -- 2.9 J		1,4-dichlorobenzene -- 21	MW-9B	chloroethane -- 64
MW-6A	carbon tetrachloride -- 3.3		tert-butylbenzene -- 12	OW-6	chloroethane -- 24 J	MW-14B	1,2-dibromo-3-chloropropane -- 7.4 J
	1,1,1,2-tetrachloroethane -- 7.2		chloroethane -- 14	GMW-2	chloroethane -- 0.59 J	W-1D	bromobenzene -- 4.0
EX-1A	chloroethane -- 61 J		2-chlorotoluene -- 4.2 J		chloroethane -- 0.69 J (dup)		tert-butylbenzene -- 18
			1,2-dichlorobenzene -- 4.2 J				1,2-dichlorobenzene -- 0.33 J
AW-519D	sec-butylbenzene -- 0.80 J		1,4-dichlorobenzene -- 8.5 J				1,4-dichlorobenzene -- 0.69 J
	chloroethane -- 1.3 J		isopropylbenzene -- 9.0 J				
			n-propylbenzene -- 3.3 J				





# *Appendix C*

*Land Use Covenant and Agreement  
Recorded September 4, 2013*

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20131292479

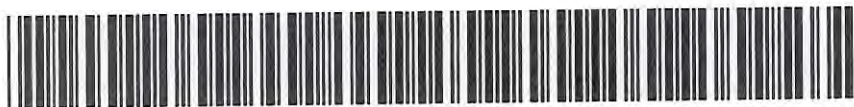


Pages:  
0026

Recorded/Filed in Official Records  
Recorder's Office, Los Angeles County,  
California

09/04/13 AT 02:35PM

FEES :	90.00
TAXES :	0.00
OTHER :	0.00
PAID :	<u>90.00</u>



LEADSHEET



201309040080011

00008255777



005748307

SEQ:  
01

DAR - Counter (Upfront Scan)



THIS FORM IS NOT TO BE DUPLICATED

RECORDING REQUESTED BY:  
Stauffer Management Company LLC  
1800 Concord Pike, PO Box 15437  
Wilmington, DE 19850-5437

WHEN RECORDED, MAIL TO:

Department of Toxic Substances Control  
5796 Corporate Avenue  
Cypress, California 90630  
Attention: Tayseer Mahmoud  
Brownfields and Environmental  
Restoration Program



SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

## LAND USE COVENANT AND AGREEMENT

### ENVIRONMENTAL RESTRICTIONS

County of Los Angeles, Assessor Parcel Number: 7315-008-049  
Stauffer Management Company LLC  
2112 East 223<sup>rd</sup> Street  
Carson, CA 90810  
DTSC Site Code 400264

This Land Use Covenant and Agreement ("Covenant") is made by and between Stauffer Management Company LLC (SMC), a Delaware Limited Liability Company (the "Covenantor"), the current owner<sup>1</sup> of property situated in Carson, County of Los Angeles, State of California, described in Exhibit "A" and depicted in Exhibit "B," attached, (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined in Health and Safety Code section 25260. The Covenantor and Department,

<sup>1</sup> Stauffer Management Company LLC, a Delaware Limited Liability Company and Atkemix Thirty-Seven Inc., a Delaware Corporation were officially merged under the name of Stauffer Management Company LLC on December 7, 2000.

collectively referred to as the "Parties," hereby agree, pursuant to Civil Code section 1471, and Health and Safety Code section 25355.5 that the use of the Property be restricted as set forth in this Covenant; and the Parties further agree that the Covenant shall conform with the requirements of California Code of Regulations, title 22, section 67391.1.

ARTICLE I  
STATEMENT OF FACTS

1.01. Property Location. The Property, which is subject to this covenant, totaling approximately 14 acres, is more particularly described and depicted in the attached Exhibit A, "Legal Description", and Exhibit B, "Limits of LUC (Map)". The Property is located at 2112 East 223<sup>rd</sup> Street, Carson, California in the area now generally bounded by East 223<sup>rd</sup> Street to the north, South Alameda Avenue to the east, South Wilmington Avenue to the west, and East Sepulveda Avenue to the south. The Property is also identified as Los Angeles County Assessor's Parcel Number 7315-008-049.

1.02. Remediation of Property. This Property has been investigated and remediated under the Department's oversight. On June 27, 1994, the Department and Covenantor entered into a Consent Order to investigate and remediate contamination at the Property. The Department approved a Remedial Action Plan (RAP), including a Health Risk Assessment, in accordance with Health and Safety Code, division 20, chapter 6.8. The Draft Remedial Action Plan and a negative declaration, pursuant to the California Environmental Quality Act, Public Resources Code section 21000 et seq., were released for public review and comment and subsequently approved by the Department in June 2009. Because hazardous substances, as defined in Health and Safety Code section 25316, which are also hazardous materials as defined in Health and Safety Code section 25260, including volatile organic compounds, remain in soil above unrestricted use levels at depths of 15 feet or more below the surface of the Property and in groundwater in and under portions of the Property, the RAP provides

that this Covenant be required as part of the site remediation.

The RAP to address the Soils Operable Unit (OU) was approved by the Department on June 25, 1997. The selected remedy for the Soils OU included the construction and operation of a Vapor Liquid Extraction (VLE) system. Full-scale operation of the VLE system began in December 1998 and was shut down in November 2011, as described below. During this period, the VLE extracted approximately 300,810 pounds of VOCs from the soils underlying the site.

The RAP for the Groundwater OU was finalized and approved by the Department in May 2011. The selected remedy consists of construction and operation of an Enhanced In-situ Anaerobic Bioremediation system (EISB) for on-site groundwater Units A, B, and C. Construction of the EISB system was completed in August 2011 and full-scale operation of the EISB system began on October 20, 2011.

Another element of the selected remedy for the Groundwater OU was phasing out and termination of the VLE system once it met certain criteria specified in the Groundwater RAP and once the EISB system was operational. After meeting the criteria, the Department approved termination and demolition of the VLE system on November 2, 2011. Demolition of the VLE system, in accordance with the approved Groundwater RAP, began in November 2011 and was completed in January 2012.

1.03. Basis for Environmental Restrictions. As detailed in the Final Health Risk Assessment approved by the Department in August 2003 and as updated by the Remedial Action Plan, a portion of the subsurface soils contains hazardous substances, as defined in Health and Safety Code section 25316. From 0 to 15 feet below ground surface (bgs) the following contaminants of concern are found in the ranges set forth below: 1,2-dichloroethane (0.00098 to 0.11 parts per million (ppm)), vinyl chloride (one detection of 0.0029 ppm), and trichloroethylene (0.0025 to 0.012 ppm). Additionally, a portion of subsurface soils from 15 to 35 feet bgs contains the following contaminants of concern in the ranges set forth below: 1,2-dichloroethane (0.001 to 1,300 ppm), vinyl

chloride (0.00094 to 24 ppm), and trichloroethylene (0.0018 to 7 ppm). Implementation of the selected remedy for the Soils OU, as described in the Groundwater RAP, reduced the concentrations in the soils located between ground surface and 15 feet bgs such that the Remedial Action Objectives were met for commercial and industrial land uses.

The maximum concentrations for the Contaminants of Concern (COCs) remaining in the subsurface soils, as documented in the Draft Second Five Year Report (dated February 26, 2011), are as follows:

For 0 to 15 feet bgs:

- Maximum 1,2-Dichloroethane = 0.11 ppm
- Maximum Vinyl Chloride = 0.0029 ppm
- Maximum Trichloroethylene = 0.012 ppm

For 15 to 35 feet bgs:

- Maximum 1,2-Dichloroethane = 1,300 ppm
- Maximum Vinyl Chloride = 24 ppm
- Maximum Trichloroethylene = 7 ppm

Based on the Final Risk Assessment, the Department concluded that use of the Property as a residence, hospital, continuing care facility for senior citizens, school for persons under the age of 21, hotel or motel or day care center would entail an unacceptable human health risk. The Department further concluded that the Property, as remediated, and subject to the restrictions of this Covenant, does not present an unacceptable threat to human health or safety or the environment if limited to commercial and industrial use, parks, or open space.

Groundwater at the Property is first encountered between 25 and 30 feet bgs (identified as Unit A). As indicated in the Groundwater RAP, the primary contaminants in the Unit A groundwater include: 1,2-dichloroethane (0.56 to 120,000 parts per billion (ppb)), vinyl chloride (8 to 7,900 ppb), and trichloroethylene (1.5 to 16,000 ppb). California drinking water standards for these contaminants are: 1,2-dichloroethane at 0.5 ppb, vinyl chloride at 0.5 ppb, and trichloroethylene at 5 ppb. The Department concludes that the

groundwater presents an unacceptable threat to human health and safety and use of the groundwater at the Site is being restricted.

The maximum concentration of COCs in Unit A groundwater beneath the Property, as documented in the October 2011 Groundwater Monitoring Report (dated December 30, 2011), are as follows:

- Maximum 1,2-Dichloroethane = 94,000 ppb
- Maximum Vinyl Chloride = 13,000 ppb
- Maximum Trichloroethylene = 30,000 ppb

## ARTICLE II DEFINITIONS

2.01. Department. "Department" means the California Department of Toxic Substances Control and includes its successor agencies, if any.

2.02. Environmental Restrictions. "Environmental Restrictions" means all protective provisions, covenants, restrictions, requirements, prohibitions, and terms and conditions as set forth in this Covenant.

2.03. Improvements. "Improvements" includes, but is not limited to: buildings, structures, roads, driveways, improved parking areas, wells, pipelines, or other utilities.

2.04. Lease. "Lease" means lease, rental agreement, or any other document that creates a right to use or occupy any portion of the Property.

2.05. Occupant. "Occupant" means Owners and any person or entity entitled by ownership, leasehold, or other legal relationship to the right to occupy any portion of the Property.

2.06. Owner. "Owner" means the Covenantor, and any successor in interest

including any heir and assign, who at any time hold title to all or any portion of the Property.

2.07. Remedial System. "Remedial System" shall mean the remedial equipment and systems located on the Property, including but not limited to the groundwater extraction and treatment system and groundwater monitoring system located at the Property and shown in Exhibit C. "Remedial System" shall also include any and all changes, revisions, or modifications that the Department authorizes while this Covenant remains in existence with changes noted in the EISB System O&M Plan Addendum available in the Department's administrative records for Stauffer facility.

### ARTICLE III GENERAL PROVISIONS

3.01. Runs with the Land. This Covenant sets forth Environmental Restrictions that apply to and encumber the Property and every portion thereof no matter how it is improved, held, used, occupied, leased, sold, hypothecated, encumbered, or conveyed. This Covenant: (a) runs with the land pursuant to Health and Safety Code section 25355.5 and Civil Code section 1471; (b) inures to the benefit of and passes with each and every portion of the Property; (c) is for the benefit of, and is enforceable by the Department; and (d) is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof.

3.02. Binding upon Owners/Occupants. This Covenant binds all Owners of the Property, their heirs, successors, and assignees, and the agents, employees, and lessees of the Owners, heirs, successors, and assignees. Pursuant to Civil Code section 1471, all successive owners of the Property are expressly bound hereby for the benefit of the Department.

3.03. Incorporation into Deeds and Leases. This Covenant shall be incorporated by reference in each and every deed and Lease for any portion of the Property.



3.04. Conveyance of Property. The Owner shall provide written notice to the Department not later than thirty (30) days after any conveyance of any ownership interest in the Property (excluding Leases, and mortgages, liens, and other non-possessory encumbrances). The written notice shall include the name and mailing address of the new owner of the Property and shall reference the site name and site code as listed on page one of this Covenant. The notice shall also include the Assessor's Parcel Number (APN) noted on page one. If the new owner's property has been assigned a different APN, each such APN that covers the Property must be provided. The Department shall not, by reason of this Covenant, have authority to approve, disapprove, or otherwise affect proposed conveyance, except as otherwise provided by law or by administrative order.

3.05. Costs of Administering the Covenant to be paid by Owner. The Department has already incurred and will in the future incur costs associated with the administration of this Covenant. Therefore, the Covenantor hereby covenants for the Covenantor and for all subsequent Owners that, pursuant to California Code of Regulations, title 22, section 67391.1(h), the Owner agrees to pay the Department's costs in administering, implementing, and enforcing this Covenant.

#### ARTICLE IV RESTRICTIONS AND REQUIREMENTS

4.01. Prohibited Uses. The Property shall not be used for any of the following purposes:

- (a) A residence, including any mobile home or factory built housing, constructed or installed for use as residential human habitation.
- (b) A hospital for humans.
- (c) A public or private school for persons under 21 years of age.
- (d) A day care center for children.
- (e) A continuing care facility for senior citizens.

- (f) A hotel or motel.

4.02. Soil Management.

- (a) No activities that will disturb the soil at or below 15 feet below grade (e.g., excavation, grading, removal, trenching, filling, earth movement, mining, or drilling) shall be allowed on the Property without a Soil Management Plan approved by the Department and Covenantor in advance.
- (b) Any contaminated soils brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law.

4.03. Prohibited Activities. The following activities shall not be conducted at the Property:

- (a) Access to groundwater and drilling for water, oil, or gas without prior written approval by the Department.
- (b) Extraction of groundwater except as approved by the Department in the Remedial Action Plan or a subsequent Groundwater Management Plan.

4.04 Construction on the Property. Environmental conditions on the Property may warrant imposition of vapor mitigation measures for new building construction. Any new buildings or structures to be constructed on the Property shall be constructed with vapor barriers (e.g., installation of polyethylene liner, Liquid Boot®, or equivalent physical barriers) unless analysis is provided to indicate vapor barriers are unnecessary as approved by the Department.

4.05. Non-Interference with Groundwater Injection, Extraction, Monitoring and

Treatment System or any other Remedial Measures.

- (a) All uses shall preserve the physical accessibility to and integrity of the Remedial System.
- (b) The Remedial System shall not be altered without prior written approval by the Department.

4.06. Access for Department. The Department shall have reasonable right of entry and access to the Property for inspection, monitoring, and other activities consistent with the purposes of this Covenant as deemed necessary by the Department in order to protect the public health or safety, or the environment.

4.07 Access for Implementing Operation and Maintenance and Five-Year Reviews. The entity or person responsible for implementing any operation and maintenance activities shall have reasonable right of entry and access to the Property for the purpose of implementing the Operation and Maintenance activities and Five-Year Reviews until the Department determines that no further Operation and Maintenance or Five-Year Reviews are required.

4.08. Inspection and Reporting Requirements. The Owner shall conduct an annual inspection of the Property verifying compliance with this Covenant, and shall submit an annual inspection report to the Department for its approval by January 15<sup>th</sup> of each year. The annual inspection report must include the dates, times, and names of those who conducted the inspection and reviewed the annual inspection report. It also shall describe how the observations were performed that were the basis for the statements and conclusions in the annual inspection report (e.g., drive by, fly over, walk in, etc.). If violations are noted, the annual inspection report must detail the steps taken to return to compliance. If the Owner identifies any violations of this Covenant during the annual inspections or at any other time, the Owner must within 10 days of identifying the violation: determine the identity of the party in violation, send a letter advising the party of the violation of the Covenant, and demand that the violation ceases

immediately. Additionally, copies of any correspondence related to the violation of this Covenant shall be sent to the Department within 10 days of its original transmission.

ARTICLE V  
ENFORCEMENT

5.01. Enforcement. Failure of the Owner or Occupant to comply with this Covenant shall be grounds for the Department to require modification or removal of any Improvements constructed or placed upon any portion of the Property in violation of this Covenant. Violation of this Covenant, including but not limited to, failure to submit, or the submission of any false statement, record or report to the Department, shall be grounds for the Department to pursue administrative, civil, or criminal actions, as provided by law.

ARTICLE VI  
VARIANCE, REMOVAL, AND TERM

6.01. Variance from Environmental Restrictions. Any person may apply to the Department for a written variance from one of the Environmental Restrictions imposed by this Covenant. Such application shall be made in accordance with Health and Safety Code section 25223 with a copy to SMC.

6.02 Removal of Environmental Restrictions. Any person may apply to the Department to remove one of the Environmental Restrictions imposed by this Covenant. Such application shall be made in accordance with Health and Safety Code section 25224 with a copy to SMC.

6.03 Term. Unless ended in accordance with paragraph 6.02, by law, or by the Department in the exercise of its discretion, this Covenant shall continue in effect in perpetuity.

ARTICLE VII  
MISCELLANEOUS

7.01. No Dedication Intended. Nothing set forth in this Covenant shall be construed to be a gift or dedication, or offer of a gift or dedication, of the Property, or any portion thereof to the general public or anyone else for any purpose whatsoever.

7.02. Recordation. The Covenantor shall record this Covenant, with all referenced Exhibits, in the County of Los Angeles within ten (10) days of the Covenantor's receipt of a fully executed original.

7.03. Notices. Whenever any person gives or serves any Notice ("Notice" as used herein includes any demand or other communication with respect to this Covenant), each such Notice shall be in writing and shall be deemed effective: (1) when delivered, if personally delivered to the person being served or to an officer of a corporate party being served, or (2) three (3) business days after deposit in the mail, if mailed by United States mail, postage paid, certified, return receipt requested:

To Owner: Charles N. Elmendorf, Senior Director  
Environmental Remediation  
Stauffer Management Company LLC  
1800 Concord Pike  
Wilmington, DE 19850-5437

And To: Any new owner as identified to the Department under paragraph 3.04 of this Covenant.

And

To Department: Tayseer Mahmoud  
Brownfields and Environmental Restoration Program  
Department of Toxic Substances Control  
5796 Corporate Avenue  
Cypress, California 90630

Any party may change its address or the individual to whose attention a Notice is to be sent by giving written Notice in compliance with this paragraph.

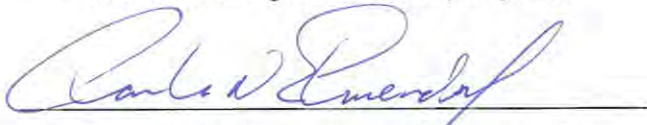
7.04. Partial Invalidity. If this Covenant or any of its terms are determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions of this Covenant shall remain in full force and effect as if such portion found invalid had not been included herein.

7.05. Statutory References. All statutory references include successor provisions.

7.06. Incorporation of Attachments. All attachments and exhibits to this Covenant are incorporated herein by reference.


IN WITNESS WHEREOF, the Parties execute this Covenant.

Covenantor: Stauffer Management Company LLC

By:   
Charles N. Elmendorf, Senior Director  
Environmental Remediation

Date: 8/14/13

Department of Toxic Substances Control:

By:   
Robert M. Senga, Unit Chief  
Brownfields and Environmental Restoration Program

DATE: August 28, 2013

State of Delaware            )  
  )  
County of New Castle        )

On August 14, 2013, before me,

Charles N. Elmendorf, Senior Director Environmental Remediation

Personally appeared Charles N. Elmendorf, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Carol A. Fisher (Seal)



State of California

County of Orange

On Aug. 28, 2013 before me,

Lisa Twarog, Notary Public  
(space above this line is for name and title of the officer/notary),

Personally appeared Robert Maunda Senga

\_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Lisa Twarog

(Seal)





EXHIBIT A  
LEGAL DESCRIPTION

Stauffer Management Company LLC

Sheet 1 of 2

# EXHIBIT A

Order No. 140-1491020-31

The land referred to in this report is situated in the county of Los Angeles, State of California, and is described as follows:

That portion of the 398.11 acre tract allotted to Ana Josefa Dominguez De Guyer, by Decree of Partition of a portion of the Rancho San Pedro, in the City of Carson, County of Los Angeles, State of California, in Case No. 3284 of the Superior Court of said County as follows:

Beginning at the Southeasterly corner of that certain 10 acre parcel of land described in the deed to the American Chemical Corporation, recorded on July 10, 1959 as Instrument No. 4139 in book D 533 page 307, Official Records of said County; thence North  $89^{\circ} 45' 25''$  West 469.06 feet; thence North  $0^{\circ} 14' 35''$  West 434.00 feet to the true point of beginning; thence North  $89^{\circ} 45' 25''$  East 444.06 feet; thence South  $0^{\circ} 14' 35''$  East 42.50 feet to the beginning of a tangent curve concave to the East having a radius of 296.84 feet; thence Southerly along said curve 178.22 feet (through an angle of  $34^{\circ} 24' 00''$ ) to a point; thence South  $37^{\circ} 29' 07''$  East 87.14 feet; thence South  $42^{\circ} 44' 35''$  East 112.75 feet to the beginning of a tangent curve concave Northeast having a radius of 296.84 feet; thence Easterly along said curve 123.38 feet (through an angle of  $23^{\circ} 48' 56''$ ) to a point, a radial line at said point bears North  $23^{\circ} 26' 29''$  East; thence North  $89^{\circ} 45' 25''$  East to the Westerly line of the land described in deed to White Star Oil Company, recorded in book 2819 page 159, of Official Records; thence along said Westerly line North  $17^{\circ} 11' 52''$  East 972.53 feet to the Southerly line Wilmington Street, (now 223rd Street) 66.00 feet wide; thence South  $89^{\circ} 45' 25''$  West, along said Wilmington Street, 1082.51 feet to a line bearing South  $0^{\circ} 14' 35''$  East and passes through the true point of beginning; thence along last said line, South  $0^{\circ} 14' 35''$  East to the true point of beginning.

Excepting all oil, gas and other hydrocarbons and all other minerals in, under or recoverable from said real property hereinabove described and the right to explore, mine, drill and operate for the same and to produce and remove the same but without the right to enter upon the surface of said real property hereinabove described for said purposes, as excepted by Richfield Oil Corporation, a Corporation, in deeds recorded July 10, 1959 in book D 533 page 307, Official Records, as Document No. 4139 and as reserved in deed recorded June 14, 1962 as Document No. 4764 in book D 1649 page 371, of Official Records.

Assessors Parcel Number(s): 7315-008-049

DATE: 23 MAY 13



**DULIN & BOYNTON**  
LICENSED SURVEYORS



729 E. WILLOW STREET • (562)426-6464 FAX(562)426-7707 • SIGNAL HILL, CA. 90755

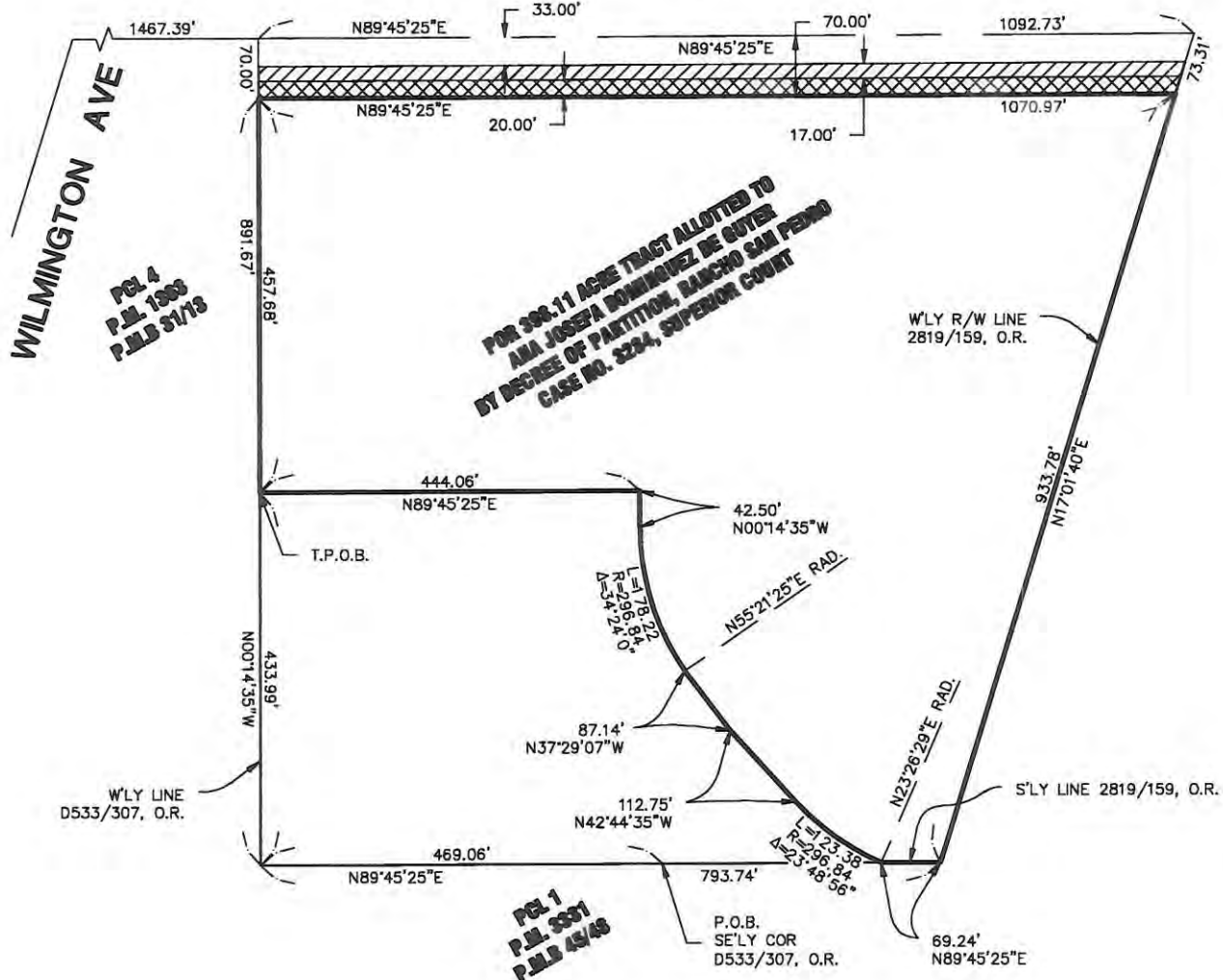
EXHIBIT A

MAP WITH SURVEY

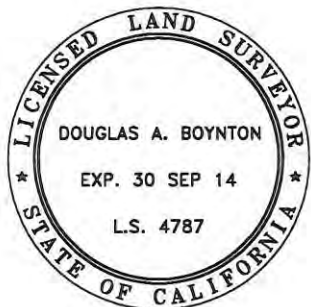
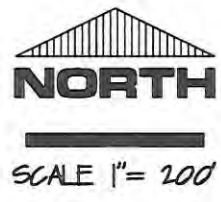
Sheet 2 Of 2

# EXHIBIT A

## 223RD STREET



ALL INFO BASED UPON TITLE REPORT ORDER  
NO 140-1491020-31, DATE MAY 9, 2013



**LEGEND**

- 17' EASEMENT FOR RIGHT OF WAY PURPOSES  
INS NO. 2005-1050490, MAY 4, 2005
- 20' EASEMENT FOR LANDSCAPING PURPOSES  
INS NO. 2005-1050490, MAY 4, 2005

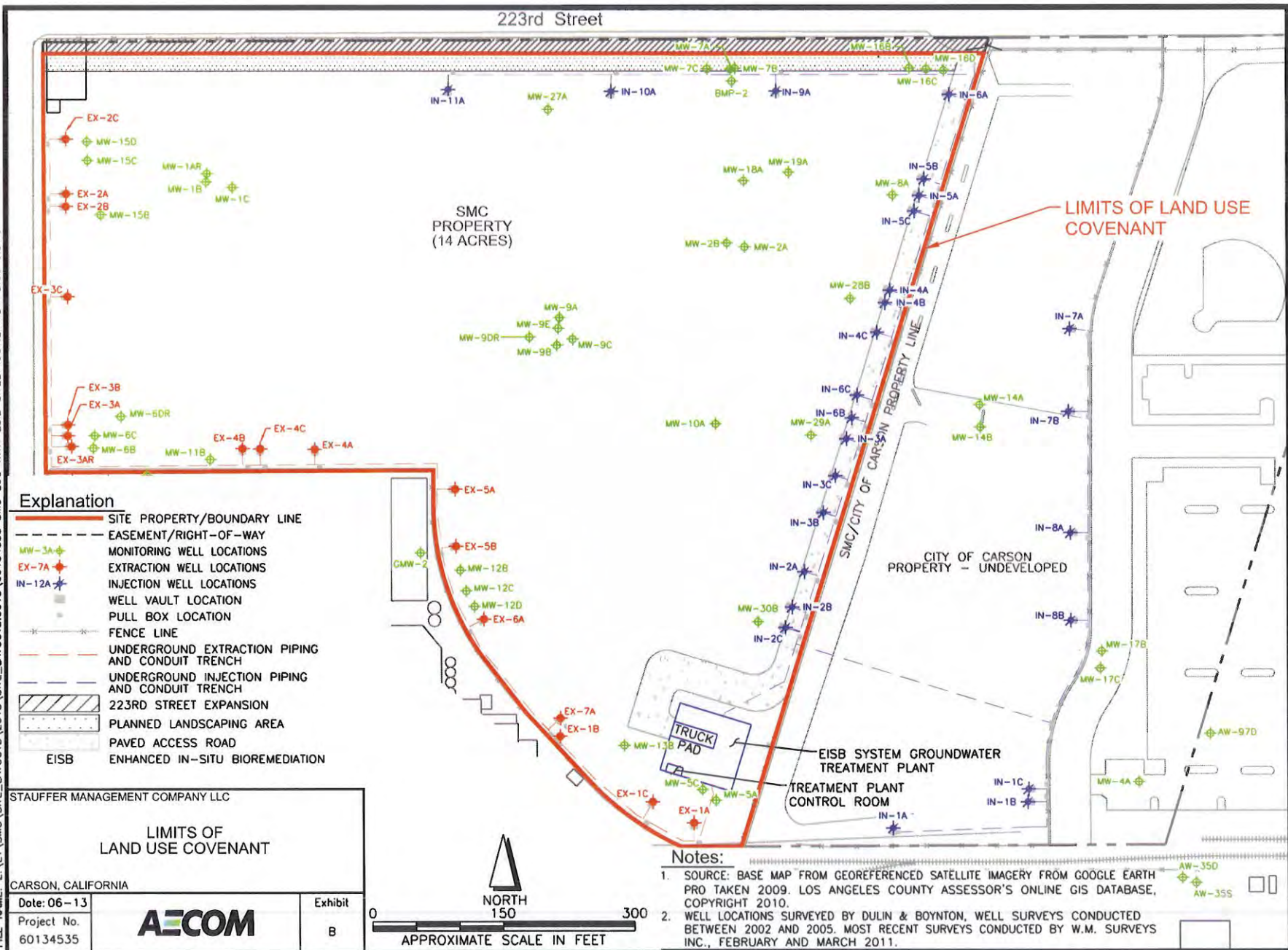
DATE: 28 MAY 13

**DULIN & BOYNTON**  
LICENSED SURVEYORS

729 E. WILLOW STREET • (562)426-6464 FAX(562)426-7707 • SIGNAL HILL, CA. 90755

EXHIBIT B  
LIMITS OF LUC (MAP)

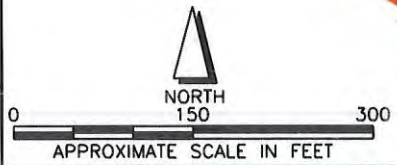
FILE NAME: Z:\ET\SMC\SITE\_LAYOUTS\2013\SITE\_LAYOUTS\0613\4535 SMC LUC WITH ESIB SITELAYOUT\EXHIBIT B.0613.DWG



**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- EASEMENT/RIGHT-OF-WAY
- MONITORING WELL LOCATIONS
- EXTRACTION WELL LOCATIONS
- INJECTION WELL LOCATIONS
- WELL VAULT LOCATION
- PULL BOX LOCATION
- FENCE LINE
- UNDERGROUND EXTRACTION PIPING AND CONDUIT TRENCH
- UNDERGROUND INJECTION PIPING AND CONDUIT TRENCH
- 223RD STREET EXPANSION
- PLANNED LANDSCAPING AREA
- PAVED ACCESS ROAD
- EISB
- ENHANCED IN-SITU BIOREMEDIATION

STAUFFER MANAGEMENT COMPANY LLC	
<b>LIMITS OF LAND USE COVENANT</b>	
CARSON, CALIFORNIA	
Date: 06-13	Exhibit
Project No. 60134535	B



**Notes:**

1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2009. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, COPYRIGHT 2010.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011.

## EXHIBIT C

### REMEDIAL SYSTEM AND GROUNDWATER MONITORING SYSTEM

#### EISB Groundwater Treatment System Description

This exhibit describes the Enhanced In-Situ Bioremediation (EISB) system currently in operation at the Stauffer Management Company LLC property located at 2112 East 223<sup>rd</sup> Street in Carson, California. Groundwater beneath the property is impacted with volatile organic compounds (VOCs). VOC-impacted groundwater is extracted from a series of extraction wells located along the downgradient property boundary. The groundwater is pumped to a treatment plant where electron donor chemicals are added to stimulate in-situ anaerobic biodegradation of the VOCs. The groundwater and electron donor chemicals are then pumped to a series of injection wells located along the upgradient property boundary. The EISB system treats groundwater in the upper three water-bearing zones at the property (designated as Units A, B, and C) at depths between approximately 40 and 200 feet below ground surface. The EISB system began operation in October 2011 and routinely treats between 250 and 300 gallons per minute of groundwater from the three aquifer units.

The progress of the remediation and extent of VOCs in groundwater are routinely monitored by sampling a series of groundwater monitoring wells located across the property. The monitoring wells are an integral part of the groundwater remedy and are screened within the upper five water-bearing zones, designated as Units A through E. A brief description of the groundwater remediation and monitoring infrastructure located within the limits of the Land Use Covenant (LUC) are provided in the following sections.

#### EISB Extraction Wells

There are a total of 17 EISB extraction wells located within the limits of the LUC as shown in the attached map and summarized below. The extraction wells are located along the western and southern property boundaries and housed within H-20 traffic rated reinforced concrete vaults.

<b>EISB Extraction Wells</b>		
<b>Unit A</b>	<b>Unit B</b>	<b>Unit C</b>
EX-1A	EX-1B	EX-1C
EX-2A	EX-2B	EX-2C
EX-3A	EX-3B	EX-3C
EX-3AR	EX-4B	EX-4C
EX-4A	EX-5B	
EX-5A		
EX-6A		
EX-7A		
8 wells	5 wells	4 wells

### EISB Injection Wells

There are a total of 18 EISB injection wells located within the limits of the LUC as shown in the attached map and summarized below. The injection wells are located along the eastern and northern property boundaries and are housed within H-20 traffic rated reinforced concrete vaults.

<b>EISB Injection Wells</b>		
<b>Unit A</b>	<b>Unit B</b>	<b>Unit C</b>
IN-2A	IN-2B	IN-2C
IN-3A	IN-3B	IN-3C
IN-4A	IN-4B	IN-4C
IN-5A	IN-5B	IN-5C
IN-6A	IN-6B	IN-6C
IN-9A		
IN-10A		
IN-11A		
8 wells	5 wells	5 wells

### Groundwater Monitoring Wells

There are a total of 38 groundwater monitoring wells located within the limits of the LUC as shown in the attached map and summarized below. The wells are located throughout the property and are protected by steel monument casings.

<b>Groundwater Monitoring Wells</b>				
<b>Unit A</b>	<b>Unit B</b>	<b>Unit C</b>	<b>Unit D</b>	<b>Unit E</b>
MW-1A	MW-1B	MW-1C	MW-6DR	MW-9E
MW-2A	MW-2B	MW-5C	MW-9DR	
MW-5A	MW-6B	MW-6C	MW-12D	
MW-7A	MW-7B	MW-7C	MW-15D	
BMP-2	MW-9B	MW-9C	MW-16D	
MW-8A	MW-11B	MW-12C		
MW-9A	MW-12B	MW-15C		
MW-10A	MW-13B	MW-16C		
MW-18A	MW-15B			
MW-19A	MW-16B			
MW-27A	MW-28B			
MW-29A	MW-30B			
12 wells	12 wells	8 wells	5 wells	1 well



## **EISB System Groundwater Treatment Plant**

The EISB system groundwater treatment plant is located in the southeastern corner of the property and occupies approximately 6,800 square feet. The treatment plant is located within a bermed concrete pad, surrounded by a wrought iron fence, and covered with a corrugated metal roof. The treatment plant includes process tanks, piping, valves, controls, and a truck pad. A paved road provides access to the treatment plant from the northeastern corner of the property and along the eastern property boundary. The road is 26 feet wide in compliance with Los Angeles County Fire Department requirements.

## **EISB System Pipeline Infrastructure**

Extraction piping infrastructure connects the EISB extraction wells to the groundwater treatment plant. The extraction piping is constructed of dual-walled HDPE and is routed underground from well EX-2C, along the western and southern property boundaries, and to the south side of the treatment plant. Electrical PVC conduit, polymer concrete pull boxes, and a series of pipe cleanouts are additionally located along the extraction piping trench.

Injection piping infrastructure connects the EISB injection wells to the groundwater treatment plant. The injection piping is constructed of dual-walled HDPE and is routed underground from well IN-11A, along the northern and eastern property boundaries, and to the north side of the treatment plant. Electrical PVC conduit, polymer concrete pull boxes, and a series of pipe cleanouts are additionally located along the injection piping trench.

## **EISB System Utilities**

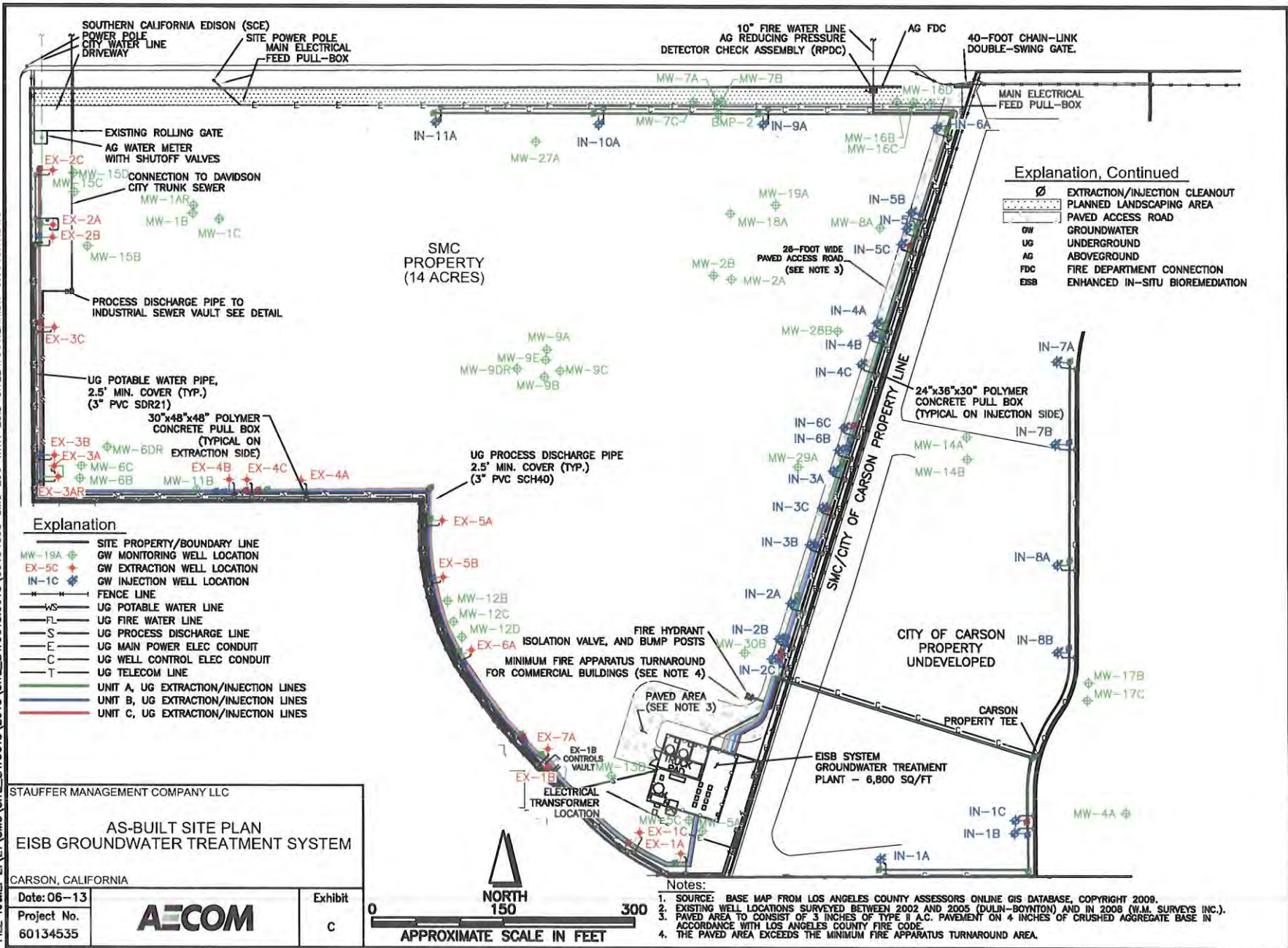
Several utility lines service the EISB system treatment plant including:

- **Potable Water:** The EISB system intermittently uses potable water as a source for a disinfection system, miscellaneous cleaning, or decontamination. Potable water is supplied from a metered connection in the northwest corner of the property, through an underground 3" diameter PVC SDR21 pipe located adjacent to the extraction piping trench, and to the north side of the treatment plant.
- **Fire Water:** Fire water is routed underground to the EISB system from a reducing pressure detector check assembly near the northern property boundary (near well MW-16B), along the injection piping trench, and to the north side of the treatment plant. A fire hydrant is connected to the fire water line and is located just west of the access road near well IN-2C. The fire hydrant is surrounded by concrete-filled bumper posts.
- **Electricity:** Electricity is routed underground to the EISB system from a Southern California Edison power pole located along the south side of 223<sup>rd</sup> Street, along the injection piping trench, and to an electrical transformer located outside the

south side of the treatment plant. Concrete electrical pull boxes are located near the Southern California Edison power pole, the northeast corner of the property near well IN-6A, and at the transformer pad.

- Telecommunication: Telecommunication is routed underground to the EISB system from a connection along the south side of 223<sup>rd</sup> Street, along the injection piping trench, and to the east side of the treatment plant.
- Sewer: The EISB system intermittently discharges treated water to the industrial sewer system through an underground 3" diameter PVC Schedule 40 pipe. The pipe is routed from the west side of the treatment plant, along the extraction piping trench, and to an industrial sewer vault located in the northwestern portion of the property (near well MW-15B). A 6" diameter clay pipe connects the sewer discharge vault to the Davidson city trunk sewer line in 223<sup>rd</sup> Street.

FILE NAME: Z:\ET\SMC\SITE\_LAYOUTS\2013\SITE\_LAYOUTS\0613\4535 SMC LUC WITH ESIB SITE LAYOUT\EXHIBIT C\_0613R1.DWG



**Explanation, Continued**

- EXTRACTION/INJECTION CLEANOUT
- PLANNED LANDSCAPING AREA
- PAVED ACCESS ROAD
- GROUNDWATER
- UNDERGROUND
- ABOVEGROUND
- FIRE DEPARTMENT CONNECTION
- ENHANCED IN-SITU BIOREMEDIATION

**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- GW MONITORING WELL LOCATION
- GW EXTRACTION WELL LOCATION
- GW INJECTION WELL LOCATION
- FENCE LINE
- UG POTABLE WATER LINE
- UG FIRE WATER LINE
- UG PROCESS DISCHARGE LINE
- UG MAIN POWER ELEC CONDUIT
- UG WELL CONTROL ELEC CONDUIT
- UG TELECOM LINE
- UNIT A, UG EXTRACTION/INJECTION LINES
- UNIT B, UG EXTRACTION/INJECTION LINES
- UNIT C, UG EXTRACTION/INJECTION LINES

STAUFFER MANAGEMENT COMPANY LLC

**AS-BUILT SITE PLAN**  
**EISB GROUNDWATER TREATMENT SYSTEM**

CARSON, CALIFORNIA

Date: 06-13		Exhibit
Project No.		C
60134535		



- Notes:**
- SOURCE: BASE MAP FROM LOS ANGELES COUNTY ASSESSORS ONLINE GIS DATABASE, COPYRIGHT 2008.
  - EXISTING WELL LOCATIONS SURVEYED BETWEEN 2002 AND 2005 (DULIN-BOYNTON) AND IN 2008 (W.M. SURVEYS INC.).
  - PAVED AREA TO CONSIST OF 3 INCHES OF TYPE II A.C. PAVEMENT ON 4 INCHES OF CRUSHED AGGREGATE BASE IN ACCORDANCE WITH LOS ANGELES COUNTY FIRE CODE.
  - THE PAVED AREA EXCEEDS THE MINIMUM FIRE APPARATUS TURNAROUND AREA.

# *Appendix D*

*DTSC Remedial Action Certification Form,  
October 15, 2013*



# Department of Toxic Substances Control



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

Deborah O. Raphael, Director  
5796 Corporate Avenue  
Cypress, California 90630

**Edmund G. Brown Jr.**  
Governor

**REMEDIAL ACTION CERTIFICATION FORM**  
**Stauffer Chemical Site**  
**2112 East 223<sup>rd</sup> Street**  
**Carson, CA 90745**  
**DTSC Site Code 400264**

**Site Name and Location:**

Stauffer Management Company LLC  
2112 East 223<sup>rd</sup> Street  
Carson, CA 90745  
DTSC Site Code 400264  
Assessors Parcel Number 7315 008 049

- A. List any other names that have been used to identify site: N/A**
- B. Address of site if different from above: N/A**
- C. Assessor's Parcel Number & Legal Definition**

- **Assessors Parcel Number:** 7315 008 049
- **Legal Description:**

PART OF THE RANCHO SAN PEDRO ALLOTTED TO MANUAL DOMINGUEZ  
14.48 MORE OR LESS ACRES

COM W ON S LINE OF 223<sup>RD</sup> ST 1265.14 FT FROM THE INTERSECTION OF  
SD S LINE WITH NW LINE OF S P R R R/W TH S 17<sup>0</sup>01'48" W 927.5 FT TH  
S 89<sup>0</sup>45'25" W 69.24 FT TH NW ON A CURVE CONCAVE TO NE RADIUS  
EQUALS 296.84 FT 123.38 FT TH N 42<sup>0</sup>44'35" W 112.72 FT TH N 37<sup>0</sup>29'07" W  
87.14 FT TH N ON A CONCAVE CURVE TO E RADIUS EQUALS 296.84 FT TH  
178.84 FT TH N 0<sup>0</sup>14'35 W 42.5 FT TH S 89<sup>0</sup>45'25" W 444.06 FT TH N  
0<sup>0</sup>14'35" W TO SD LINE TH E T THEREON TO BEG PART OF A J DE GUYER  
398.11

## **2. Responsible Parties:**

Under the Consent Agreement and Imminent and Substantial Endangerment Order Docket Number HSA 93/94—005 Stauffer Management Company LLC (SMC) 1800 Concord Pike, Wilmington, Delaware 19850-5437 was identified as the responsible party (RP) agreeing to implement the soil and groundwater remedies for the Stauffer Chemical Site, located 2112 E. 223<sup>rd</sup> Street, Carson CA 90745. SMC is a Limited Liability Corporation headquartered in Delaware, doing business in California.

## **3. Brief Description and History of the Site:**

The facility began operations in 1959 as American Chemical Company, a joint venture between Stauffer Chemical Company and Atlantic Richfield Company (ARCO). In 1974, Stauffer Chemical acquired ARCO's interest in the American Chemical Company and continued manufacturing operations from 1974 to 1982. Most of the structures at the Site were demolished by 1985. In 1987, Atkemix Thirty Seven Inc., a subsidiary of Stauffer Management Company, became the owner of the western 14 acres of the Site property. In December 2000, Stauffer Management Company and Atkemix Thirty Seven Inc. merged, resulting in the formation of Stauffer Management Company LLC (SMC).

### **Background:**

The former manufacturing plant produced polyvinyl chloride (PVC) resin utilizing 1,2-dichloroethane (1,2-DCA) and vinyl chloride (VC) as manufacturing intermediates. Most of the manufacturing operations and chemical storage activities occurred in the western and central portions of the Site. A stormwater retention basin was located in the southern portion of the Site. Office buildings, warehouses, a laboratory, and parking occupied the northern portion of the Site.

Manufacturing operations ceased in early 1982. All process facilities and equipment were removed by mid-1985 and supporting structures were leveled to grade. The former office building, warehouses, and support infrastructure were demolished between October 1996 and October 1997. Further details on the Site ownership and operational history may be found in the Phase I Remedial Investigation (RI) Report (ENSR, 1995).

Subsurface investigations performed at the site between 1982 and 1997 identified the presence of residual chemical constituents associated with former manufacturing operations. The primary chemical compounds of concern (COCs) beneath the Site have been identified as volatile organic compounds (VOCs) including 1,2-DCA and VC. Details regarding historical operations and previous

subsurface investigations are provided in the Phase II Groundwater Remedial Investigation Report (ENSR, February 1999) and the Supplemental Phase II Groundwater Remedial Investigation Report (ENSR, November 1999).

#### **Site Location:**

The SMC Site is comprised of approximately 14.48 acres and is located at 2112 East 223rd Street in the City of Carson, Los Angeles County, California. The Site is also generally described as Los Angeles County Assessor Parcel Number 7315-008-049. The SMC Site is located in an industrialized area of Carson, California. The property is zoned as heavy industrial and is bordered by industrial sites to the west, south, and east. To the north, the property is bordered by 223<sup>rd</sup> Street and a commercial car dealership (Win Chevrolet). To the west, the property is bordered by Solutia (formerly Monsanto) and PolyOne (formerly Geon). To the south and east, the property is bordered by the BP Refinery and associated Administration Building. The nearest residential property is located nearly one mile east of the Site.

#### **Site History:**

DTSC and Stauffer entered into a Consent Order on June 27, 1994 to investigate and remediate contamination at the site. Soil investigations were conducted at the Site between 1982 and 1995 under oversight by DTSC. The *Final Remedial Action Plan* (RAP; ENSR, 1997) for the Soil Operable Unit (OU) was issued in 1997 and addressed unsaturated and saturated soils between surface and 35 feet below ground surface (bgs). The RAP identified Vapor Liquid Extraction (VLE) with on-Site treatment as the most appropriate alternative to address VOC concentrations in soils at the Site.

A high vacuum VLE system was constructed at the Site in 1998 in accordance with the *Soils Remediation Design and Implementation Plan* (RDIP; Fluor Daniel GTI, 1998). VLE operations began in 1998 from the Stage 1 area containing 16 multi-phase extraction wells. The VLE system was subsequently expanded in 2000 to include the Stage 2 area and an additional 90 extraction wells in accordance with the *RDIP Addendum* (Earth Tech, 2000).

An In-Situ Thermal Destruction (ISTD) field pilot test was conducted within the VLE well network in 2004 and 2005. Approximately 7,200 square feet within the Stage 1 area was treated using ISTD. The pilot test was conducted from June 2004 until November 2005. Soils between heater wells were conductively heated to temperatures approaching the pilot test goal of 212°F (100°C). The ISTD system removed and/or destroyed in-situ an estimated 24,800 pounds of vapor-phase contaminants.

The VLE system was enhanced in 2007 and 2008 using pneumatic fracturing. Pneumatic fractures were successfully propagated using compressed nitrogen

between approximately 20 and 35 feet bgs. A sand slurry was injected into each fracture as a proppant to facilitate soil vapor flow and keep the fractures open. Pneumatic fracturing was performed on subsurface soils at 48 locations within the VLE well network. 13 of the 48 locations were subsequently converted to VLE wells, expanding the VLE network at the Site (VLE-108 through VLE-120). Five additional VLE wells were installed between August 2009 and September 2010 (VLE-121 through VLE-125) to address isolated hot spots.

In all, the VLE system operated for approximately 13 years and removed an estimated 300,810 pounds of vapor-phase VOCs from the subsurface. Two Five-Year remedy reviews were conducted at the Site, and DTSC approved the Second Five-Year Review Report in a letter dated May 23, 2011. Following approval from DTSC, VLE operations were terminated on November 4, 2011. The VLE system was subsequently demolished. A chronology of key milestones associated with the Site and soil remedy is provided in Appendix C.

4. **Type of Site:** (Check appropriate response)

Included in the Annual Workplan

Yes X No

RCRA-Permitted Facility  Bond - funded

RCRA Facility Closure  RP - funded X

\*NPL SITE

Federal Facility

Other (i.e., walk-in): \_\_\_\_\_ Explain Briefly:

5. **Size of Site:** (Based on Expenditure Plan definition of size)

Small  Medium  Large X Extra Large

6. **Dates of Remedial Action:**

- Soil OU: December 1998 to November 2011
- Groundwater OU: October 2011 to current



7. **Response Action Taken on Site:** (check appropriate action)

- Initial Removal or Remedial Action (site inspection/sampling)
- Final Remedial Action
- RCRA enforcement/closure action
- No action, further investigation verified that no cleanup action at site was needed.

A. Type of Remedial Action:

Soil OU: High vacuum vapor-liquid extraction (VLE) system enhanced with pneumatic fracturing (and In-Situ Thermal Destruction [ISTD] field pilot test).

B. Estimated quantity of waste associated with the site (i.e., tons/gallons/cubic yards)

Soil OU: Removed an estimated 300,810 pounds of vapor-phase VOCs.

8. **Cleanup Levels/Standards**

- a. What were the cleanup standards established by DTSC pursuant to the final remedial action plan (RAP) or workplan (if cleanup occurred as the result of a removal action (RA) or interim remedial measures (IRM) prior to development of a RAP)?

The soils remedy was implemented in 1998 using an interim cleanup goal of 20 mg/kg for 1,2-DCA, with the intent that a human health risk assessment (HHRA) would calculate risk-based preliminary remediation goals (PRGs). In 1999, the Phase II HHRA was completed and subsequently approved by DTSC in July 2000. The Phase II HHRA was later modified to be a stand-alone document and to include risk-based PRGs for the various VOCs present at the site (ENSR, August 2003). The PRGs for the shallow unsaturated soils between surface and 15 feet bgs were based on the combined risk of dermal contact, ingestion, and inhalation of VOCs. The PRGs for soils between 15 feet bgs and groundwater were based exclusively on the inhalation risk associated with VOC volatilization to indoor air (ENSR, August 2003). The final soil PRGs based on the most conservative human exposure scenarios for soils above and below 15 feet bgs were presented in Table 4 of the Final Groundwater RAP (AECOM, May 2011) and are summarized as follows:

VOC Constituent	PRG (mg/kg) 1x10 <sup>-5</sup> ELCR
<b>Surface to 15 feet bgs</b>	
1,2-DCA	29.70
VC	0.37
1,1-DCE	1.91
1,1,2-TCA	42.80
<b>15 feet bgs to groundwater</b>	
1,2-DCA	81.90
VC	0.37
1,1-DCE	1.91
1,1,2-TCA	42.80

Note:

ELCR = Estimated Lifetime Cancer Risk

- b. Were the specified cleanup standards met? Yes  No

Yes: Cleanup standards were met between 0 and 15 feet bgs.

No: Cleanup standards were not met between 15 and 35 feet bgs.

- c. If "no", why not: Soils are saturated between 20 and 25 feet bgs, and the VLE system was unable to fully desaturate soils overlying Unit A groundwater. High water saturations and very low soil permeability restricted soil vapor flow through dense clay aquitard overlying Unit A groundwater.

**9. DTSC Involvement in the Remedial Action:**

- A. Did the Department order the Remedial Action?

Yes  No

- B. Did the Department review and approve (check appropriate action and indicate date of review/approval if done):

Remedial Design Documents

N/A Concurrence with Soil and Groundwater Records of Decision (ROD) and/or Explanation of Significant Difference (ESD)

Concurrence with 5 Year Reports

First Five Year Report

Second Five Year Report

- C. If site was abated by a responsible party, did the Department receive a signed statement from a licensed professional on all Remedial Action?  
Yes  No  All final monitoring reports and decision documents were stamped by a Professional Geologist or Engineer registered in the State of California.
- D. Did a registered engineer or geologist verify that acceptable engineering practices were implemented?  
Yes  No  Name: DTSC personnel overseeing SMC remedial action included Jackie Spizman, Tizita Bekele, and Alice Campbell.
- E. Did the Department confirm completion of all Remedial Action?  
Yes  No  Date of verification: November 2, 2011 (J. Spizman)
- F. Did the Department (directly or through a contractor) actually perform the Remedial Action?  
Yes  No  Name of contractor
- G. Was there a community relations plan in place?  
Yes  No
- H. Was a remedial action plan developed for this site?  
Yes  No
- I. Did DTSC hold a public meeting regarding the draft RAP?  
Yes  No
- J. Were public comments addressed?  
Yes  No
- K. Are all of the facts cited above adequately documented in the DTSC files?  
Yes  No

10. **EPA Involvement in the Remedial Action:**

A. Was the EPA involved in the site cleanup? Yes\_\_ No X

B. If yes, did DTSC concur with all remedial actions?

Yes\_\_ No \_\_\_ N/A

C. EPA comments N/A

EPA staff involved in cleanup: (Name, Title, Address, Phone Number)

11. **Other Regulatory Agency Involvement in the Cleanup Action:**

Agency:

Activity:

X RWQCB: Waste Discharge Requirements (WDR) permit CI-8523 (Order No. R4-2007-0019 Series No. 133) issued by the Los Angeles Regional Water Quality Control Board on April 4, 2011 for Sodium Lactate and Ethanol Injection for Groundwater Remediation at SMC.

   ARB

   CHP

   Caltrans

X Other (see below)

X SCAQMD: Permit to Construct and Operate issued for soil vapor treatment system.

X LACSD: Industrial Waste Discharge Permit issued for treated water.

X LACFD: Hazardous Materials Permit issued for VLE system.

X City of Carson: Construction permits issued by Building and Safety Department.

**12. Post-Closure Activities:**

- A. Will there be post-closure activities at this site? (e.g. Operation and Maintenance) Yes X No \_\_\_

If yes, describe:

Residual VOCs in shallow unsaturated soils (0 to 15 feet bgs) are below risk-based PRGs. Only post-closure activities required for shallow soils are those associated with the Land Use Covenant (e.g., annual inspection of site re-use).

Small mass of residual VOCs left in deep saturated soils (15 to 35 feet bgs) will be addressed as part of Groundwater OU. Groundwater cleanup operations began in October 2011, and the progress of the remedy will be reviewed every 5 years.

- B. Have post-closure plans been prepared and approved by the Department? Yes X No \_\_\_

- DTSC and SMC finalized the terms of a Land Use Covenant (LUC) for the site and the (LUC) was filed with the Recorder's Office of the Los Angeles County on September 4, 2013.
- DTSC approved a Groundwater Remedial Design and Implementation Plan (RDIP) in a letter dated April 25, 2011, and groundwater remediation operations began in October 2011.

- C. What is the estimated duration of post-closure (including operations and maintenance) activities?

- Soil OU: Land Use Covenant exists in perpetuity (i.e., "runs with the land").
- Groundwater OU: Groundwater remediation operations are expected to require 5+ years to achieve groundwater cleanup goals in the various aquifer units.

- D. Are deed restrictions proposed or in place?  
Yes X No \_\_\_

DTSC and SMC finalized the terms of a Land Use Covenant for site and the LUC was filed with the Recorder's Office of the Los Angeles County on September 4, 2013.

E. Has cost recovery been initiated? Yes X No \_\_\_

F. Were local planning agencies notified of the cleanup action?

Yes X No \_\_\_

If yes, the name of agency: City of Carson, SCAQMD, LACFD, RWQCB, and LACSD.

**13. Expenditure of Funds and Source:**

Cleanup was funded by Responsible Party (SMC) as follows:

- Soil OU = approximately \$18 million
- Groundwater OU = approximately \$9 million to date

**14. Certification Statement: Based upon the information that is currently and actually known to the Department:**

X The Department has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary.

\_\_\_ The Department has determined, based upon a remedial investigation or site characterization that the site poses no significant threat to public health, welfare or the environment and therefore implementation of removal/remedial measures is not necessary.

\_\_\_ The Department has determined that all appropriate removal/remedial actions have been completed and that all acceptable engineering practices were implemented and the site requires no operation and maintenance (O&M) and monitoring efforts. The site will be deleted from the "active" site list.

**15. Additional Comments:**

- For legal definition of property and survey see Exhibit A
- For Limits of Land Use Covenant see Exhibit B
- For Chronology of Events see Exhibit C

16. **Certification of Remedial Action:**

I hereby certify that the foregoing information is true and correct to the best of my knowledge.

1. Tayseer Mahmoud 10/15/2013  
Tayseer Mahmoud Date

Project Manager  
Brownfields and Environmental restoration Program

2. Robert M. Senga 10/15/2013  
Robert M. Senga Date

Unit Chief  
Brownfields and Environmental Restoration Program

**Exhibit A**

**Legal Definition of Property and Survey**



# EXHIBIT A

Order No. 140-1491020-31

The land referred to in this report is situated in the county of Los Angeles, State of California, and is described as follows:

That portion of the 398.11 acre tract allotted to Ana Josefa Dominguez De Guyer, by Decree of Partition of a portion of the Rancho San Pedro, in the City of Carson, County of Los Angeles, State of California, in Case No. 3284 of the Superior Court of said County as follows:

Beginning at the Southeasterly corner of that certain 10 acre parcel of land described in the deed to the American Chemical Corporation, recorded on July 10, 1959 as Instrument No. 4139 in book D 533 page 307, Official Records of said County; thence North  $89^{\circ} 45' 25''$  West 469.06 feet; thence North  $0^{\circ} 14' 35''$  West 434.00 feet to the true point of beginning; thence North  $89^{\circ} 45' 25''$  East 444.06 feet; thence South  $0^{\circ} 14' 35''$  East 42.50 feet to the beginning of a tangent curve concave to the East having a radius of 296.84 feet; thence Southerly along said curve 178.22 feet (through an angle of  $34^{\circ} 24' 00''$ ) to a point; thence South  $37^{\circ} 29' 07''$  East 87.14 feet; thence South  $42^{\circ} 44' 35''$  East 112.75 feet to the beginning of a tangent curve concave Northeast having a radius of 296.84 feet; thence Easterly along said curve 123.38 feet (through an angle of  $23^{\circ} 48' 56''$ ) to a point, a radial line at said point bears North  $23^{\circ} 26' 29''$  East; thence North  $89^{\circ} 45' 25''$  East to the Westerly line of the land described in deed to White Star Oil Company, recorded in book 2819 page 159, of Official Records; thence along said Westerly line North  $17^{\circ} 11' 52''$  East 972.53 feet to the Southerly line Wilmington Street, (now 223rd Street) 66.00 feet wide; thence South  $89^{\circ} 45' 25''$  West, along said Wilmington Street, 1082.51 feet to a line bearing South  $0^{\circ} 14' 35''$  East and passes through the true point of beginning; thence along last said line, South  $0^{\circ} 14' 35''$  East to the true point of beginning.

Excepting all oil, gas and other hydrocarbons and all other minerals in, under or recoverable from said real property hereinabove described and the right to explore, mine, drill and operate for the same and to produce and remove the same but without the right to enter upon the surface of said real property hereinabove described for said purposes, as excepted by Richfield Oil Corporation, a Corporation, in deeds recorded July 10, 1959 in book D 533 page 307, Official Records, as Document No. 4139 and as reserved in deed recorded June 14, 1962 as Document No. 4764 in book D 1649 page 371, of Official Records.

Assessors Parcel Number(s): 7315-008-049

DATE: 28 MAY 13



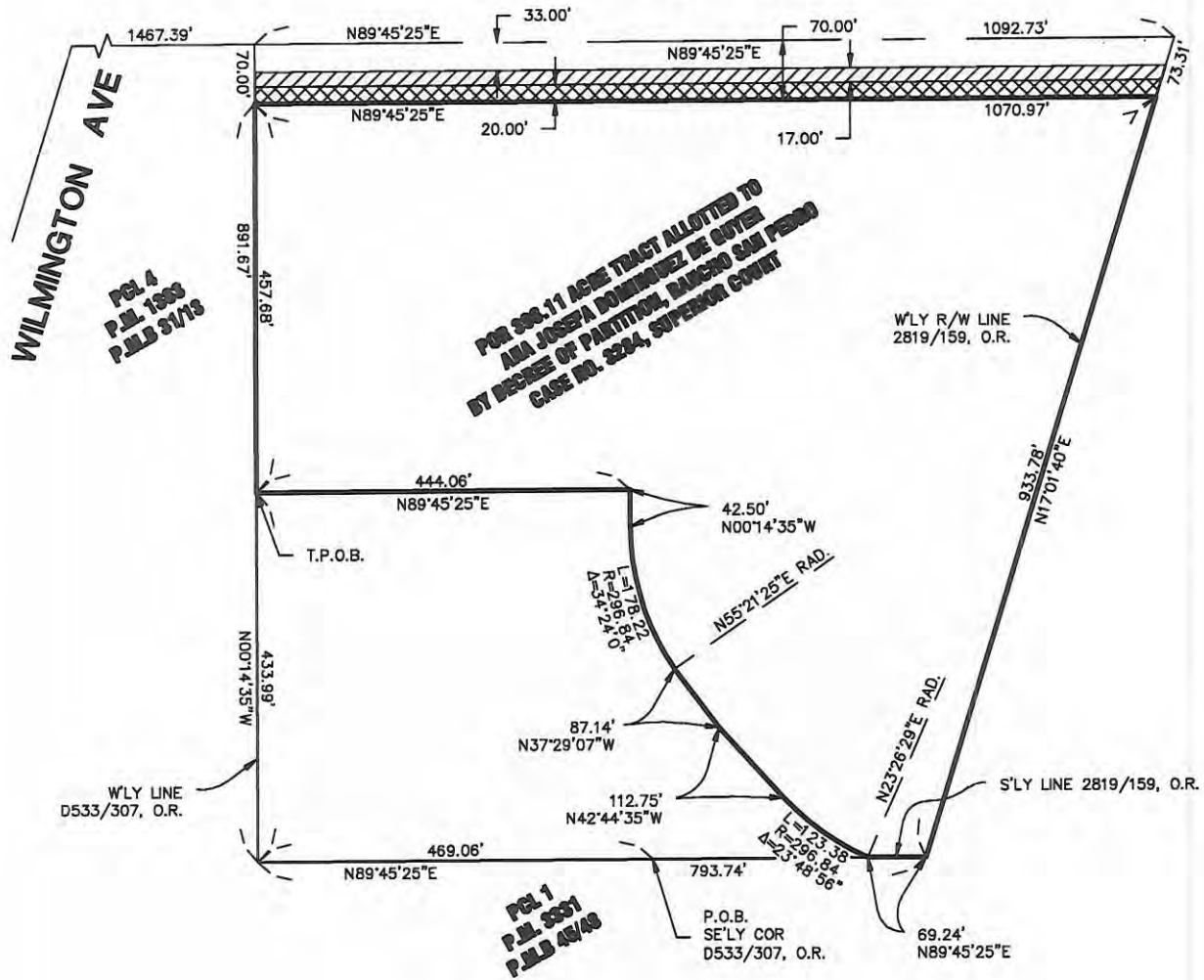
**DULIN & BOYNTON**  
**LICENSED SURVEYORS**



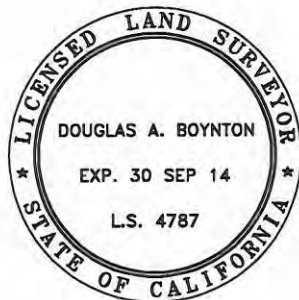
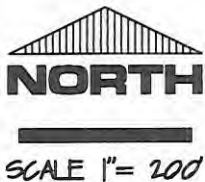
729 E. WILLOW STREET © (562)426-6464 FAX(562)426-7707 © SIGNAL HILL, CA. 90755

# EXHIBIT A

## 223RD STREET



ALL INFO BASED UPON TITLE REPORT ORDER  
NO 140-1491020-31, DATE MAY 9, 2013



### LEGEND

- 17' EASEMENT FOR RIGHT OF WAY PURPOSES  
INS NO. 2005-1050490, MAY 4, 2005
- 20' EASEMENT FOR LANDSCAPING PURPOSES  
INS NO. 2005-1050490, MAY 4, 2005

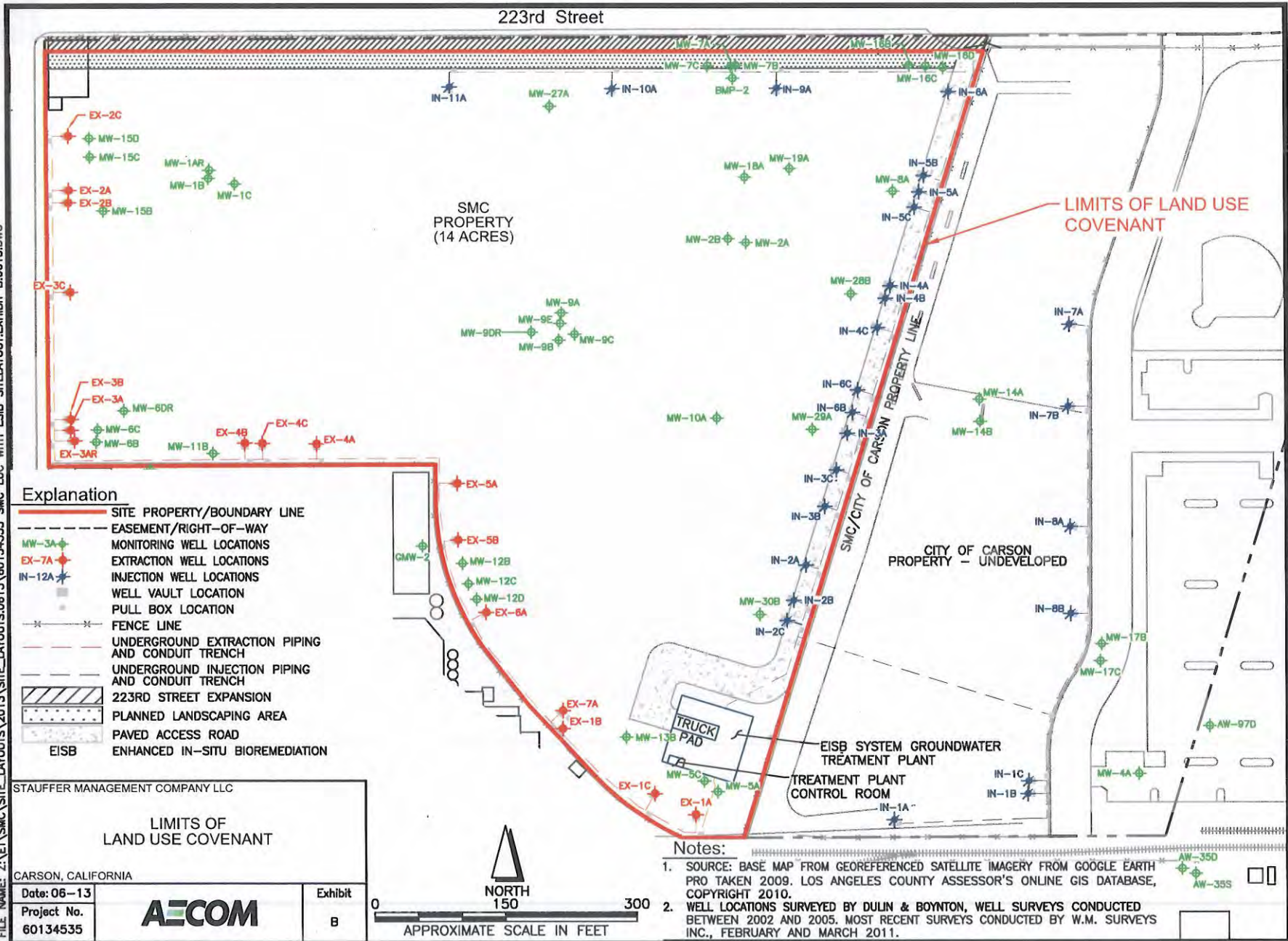
DATE: 28 MAY 13

**DULIN & BOYNTON**  
LICENSED SURVEYORS

729 E. WILLOW STREET • (562)426-6464 FAX(562)426-7707 • SIGNAL HILL, CA. 90755

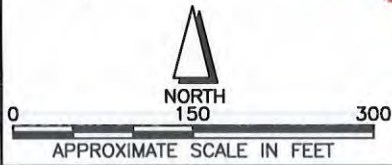
**Exhibit B**  
**Limits of Land Use Covenant**

FILE NAME: Z:\NET\SMC\SITE\_LAYOUTS\2013\SITE\_LAYOUTS\0613\60134535 SMC LUC WITH ESIB SITELAYOUT.EXHIBIT B.0613.DWG



- Explanation**
- SITE PROPERTY/BOUNDARY LINE
  - EASEMENT/RIGHT-OF-WAY
  - ◆ MW-3A Monitoring Well Locations
  - ◆ EX-7A Extraction Well Locations
  - ◆ IN-12A Injection Well Locations
  - Well Vault Location
  - Pull Box Location
  - Fence Line
  - Underground Extraction Piping and Conduit Trench
  - Underground Injection Piping and Conduit Trench
  - 223RD STREET EXPANSION
  - Planned Landscaping Area
  - Paved Access Road
  - EISB
  - Enhanced In-Situ Bioremediation

STAUFFER MANAGEMENT COMPANY LLC	
LIMITS OF LAND USE COVENANT	
CARSON, CALIFORNIA	
Date: 06-13	Exhibit
Project No. 60134535	B



- Notes:**
1. SOURCE: BASE MAP FROM GEOREFERENCED SATELLITE IMAGERY FROM GOOGLE EARTH PRO TAKEN 2009. LOS ANGELES COUNTY ASSESSOR'S ONLINE GIS DATABASE, COPYRIGHT 2010.
  2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, WELL SURVEYS CONDUCTED BETWEEN 2002 AND 2005. MOST RECENT SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011.

**Exhibit C**

**Chronology of Key Milestone Activities  
Stauffer Investigation and Remediation**

## Chronology of Key Milestone Activities Soil OU Investigation and Remediation

The chronology of major Soil Operating Unit events related to facility deactivation, remedial investigation, and soil remedial action are summarized as follows:

### Chronology of Site Events

Event	Date
Manufacturing activities ceased	1982
Preliminary Site Assessment Report	September 1987
Consent Order	July 1994
Phase I Remedial Investigation Report	October 1995
Soil Feasibility Study Report	October 1996
Soils Remedial Action Plan (RAP)	June 1997
Soils Remedial Design and Implementation Plan (RDIP)	January 1998
Soils Remedial Action Start – Stage 1	September 1998
Phase II Groundwater Remedial Investigation Report	February 1999
RDIP Addendum (Stage 2)	January 2000
Stage 2 Engineering Design Package	September 2000
Soils Remedial Action Start – Stage 2	March 2001
Phase II Human Health Risk Assessment (HHRA) (revised)	August 2003
Drilled 36 VLE Progress Borings	January 2004
First Five-Year Review	March 2004
ISTD Pilot Test – Start	June 2004
Drilled 9 ISTD Verification Borings	September 2005
Installed New VLE Well (VLE-107)	October 2005
ISTD Pilot Test – End	November 2005
Drilled 21 VLE Progress Borings	May 2007
Pneumatic Fracturing Pilot Test – Start	June 2007
Pneumatic Fracturing Pilot Test – End Converted Fracture Location to VLE Well (VLE-108)	September 2007
Pneumatically Fractured 45 Locations	February 2008

**Chronology of Site Events**

<b>Event</b>	<b>Date</b>
Converted 12 Fracture Locations to VLE Wells (VLE-109 through VLE-120)	August 2008
Drilled 19 VLE Progress Borings	July 2009
Installed New VLE Well (VLE-121)	August 2009
Replaced Well VLE-121 (VLE-121R)	January 2010
Installed 4 New VLE Wells (VLE-122 through VLE-125)	September 2010
Second Five-Year Review	February 2011
Initiated Groundwater EISB operations Notice of Intent to Terminate and Demolish VLE System	October 2011
Terminated VLE Operations	November 2011
Completed Demolition of VLE System	January 2012
Land Use Covenant Recorded/Filed in Official Records of the Recorder's Office, Los Angeles County	September 4, 2013

# *Appendix E*

*Figures from 1st Semi-Annual Monitoring Report,  
Group Delta, September 2019*



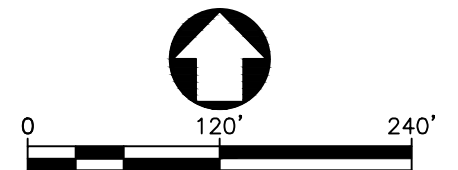
223rd Street

### Explanation

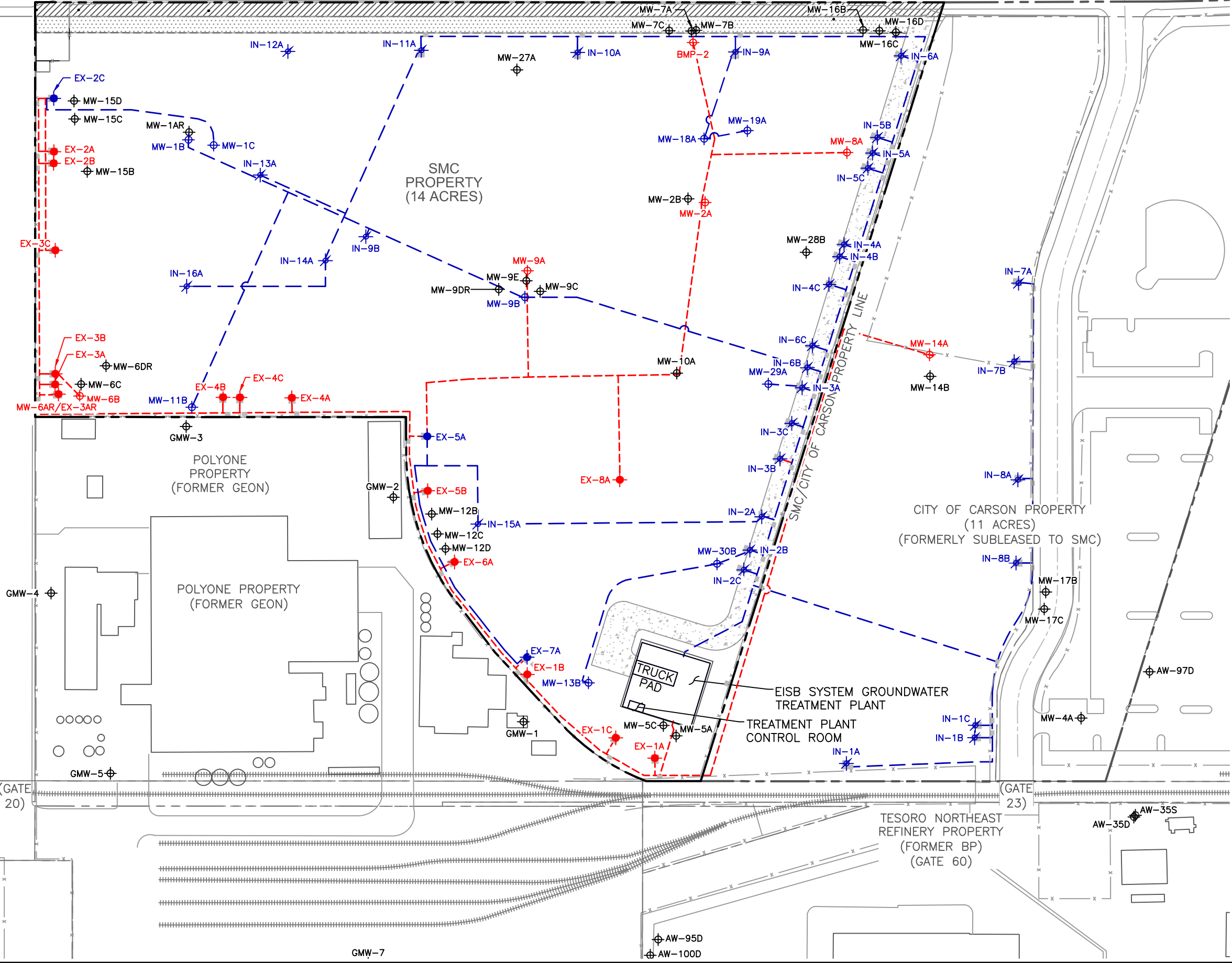
- SITE PROPERTY/BOUNDARY LINE
- - - EASEMENT/RIGHT-OF-WAY
- MW-28B ⊕ MONITORING WELL LOCATIONS
- EX-8A ● EXTRACTION WELL LOCATIONS
- IN-16A \* INJECTION WELL LOCATIONS
- ⊕ APPROXIMATE WELL VAULT LOCATION
- APPROXIMATE PULL BOX LOCATION
- FENCE LINE
- - - EXTRACTION PIPING AND CONDUIT
- - - INJECTION PIPING AND CONDUIT
- ▨ PROPOSED 223RD STREET EXPANSION
- ▨ PLANNED LANDSCAPING AREA
- ▨ PAVED ACCESS ROAD
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- SMC STAUFFER MANAGEMENT COMPANY LLC

### Notes:

1. BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-'19\EISB LAYOUT\EN065 FIG 1&3 EISB COMP\_1H19\_0519.DWG



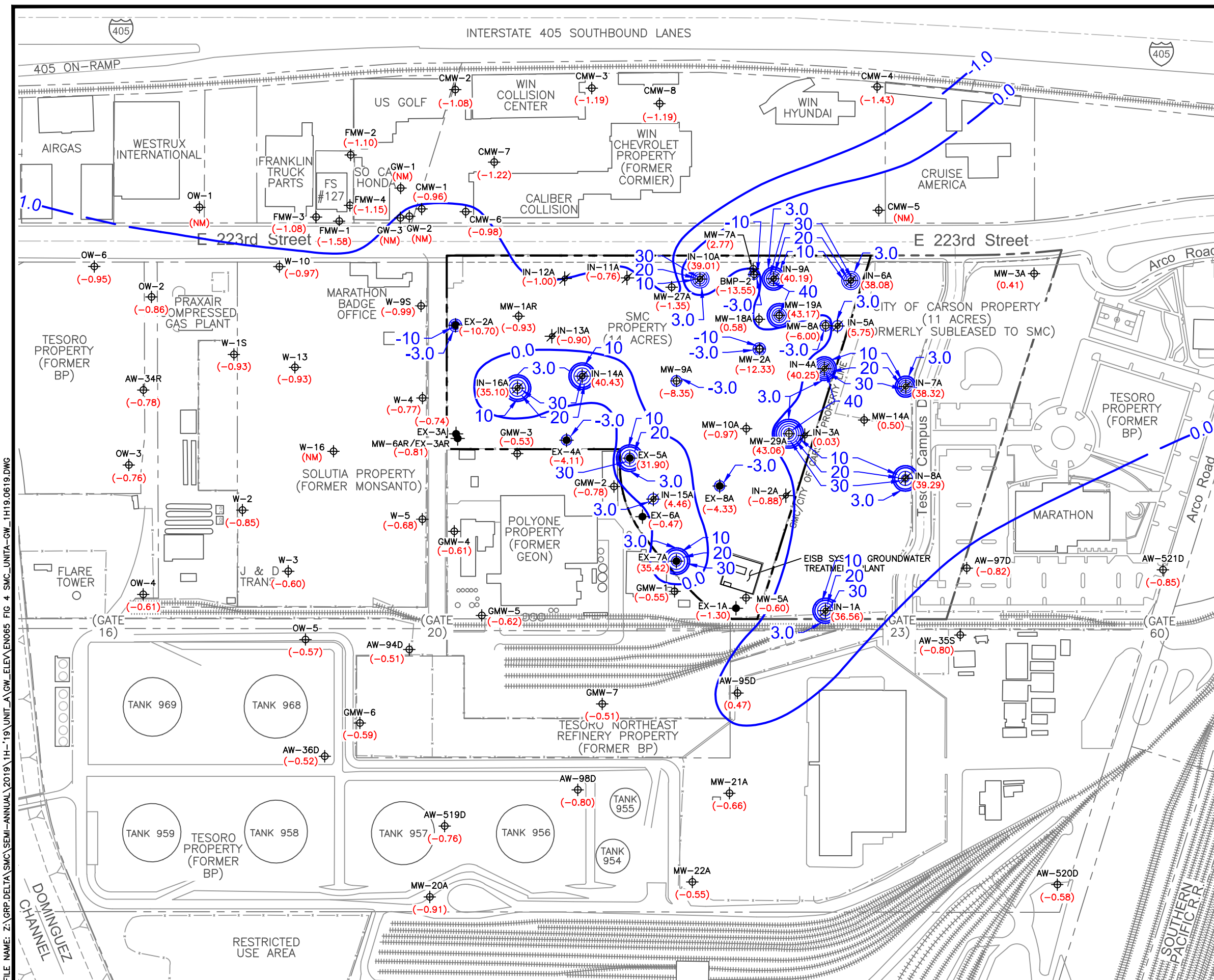
SEMI-ANNUAL GROUNDWATER MONITORING EVENT

## EISB SYSTEM LAYOUT

STAUFFER MANAGEMENT COMPANY LLC  
CARSON, CALIFORNIA

Date: 05-19	<b>GROUP DELTA</b>	Figure
Project No. EN065		3

FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-'19\UNIT\_A\GW\_ELEV\EN065 FIG 4 SMC\_UNITA-GW\_1H19.0619.DWG

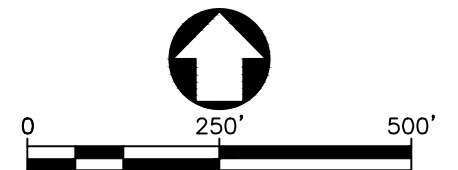


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-29A ⊕ GROUNDWATER MONITORING WELL LOCATION
- EX-8A ⊕ GROUNDWATER EXTRACTION WELL LOCATION
- IN-16A ⊕ GROUNDWATER INJECTION WELL LOCATION
- (43.06) GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (MSL), MEASURED FIRST SEMI-ANNUAL 2019
- (NM) NOT MEASURED
- 1.0 INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 1.0 AND 10.0 FEET (SOME CONTOURS OMITTED FOR CLARITY DUE TO THEIR DENSITY)
- ⊕ DENOTES DEPRESSION
- GROUNDWATER FLOW DIRECTION
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- FS #127 LA COUNTY FIRE STATION NO. 127
- SMC STAUFFER MANAGEMENT COMPANY LLC

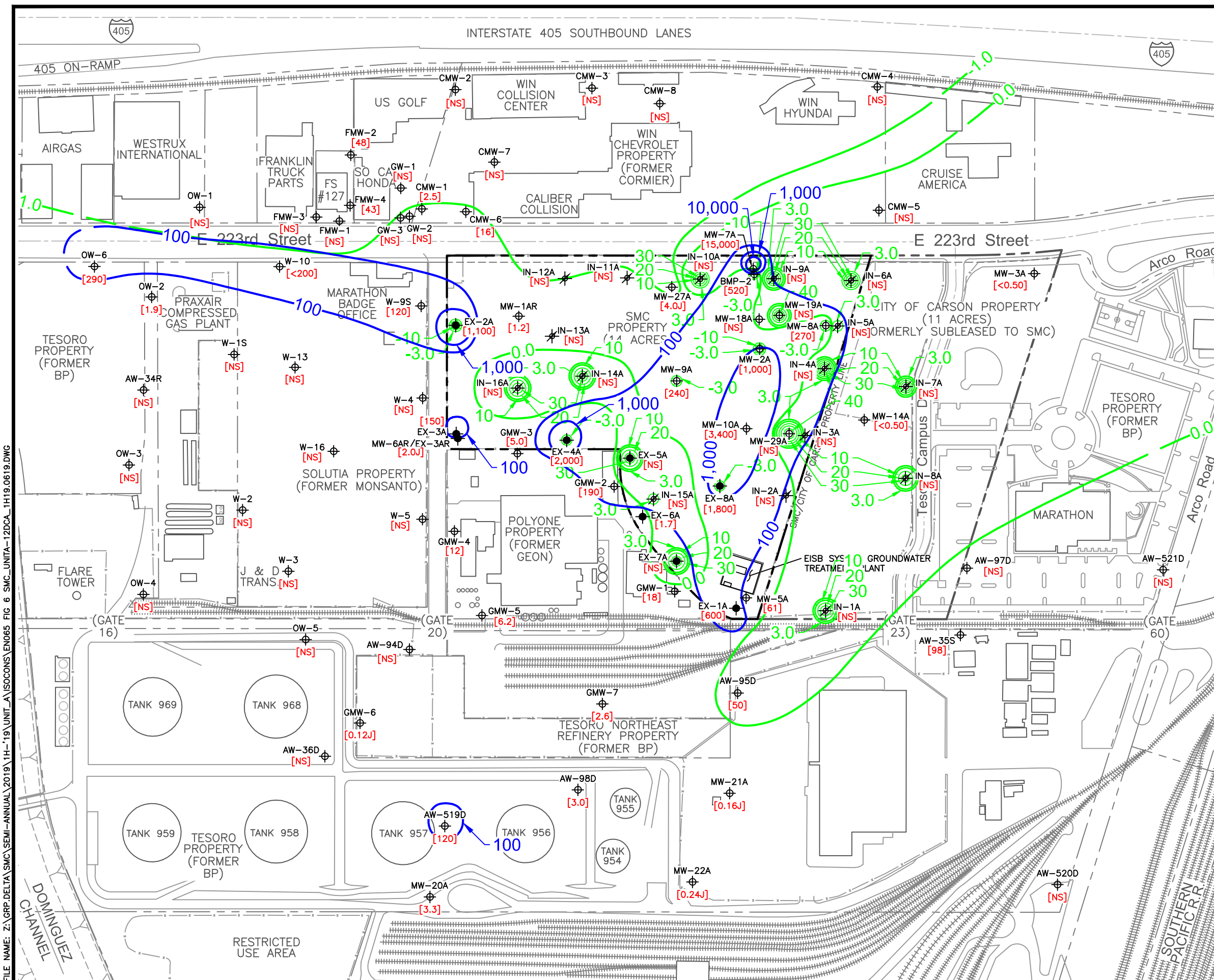
**Notes:**

1. BASEMAP LINWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>GROUNDWATER ELEVATION MAP UNIT A - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19	<b>GROUP DELTA</b>	Figure 4
Project No. EN065		

FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_A\ISOCONS\EN065 FIG 6 SMC\_UNITA-12DCA\_1H19\_0619.DWG

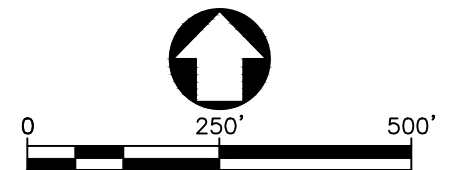


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-29A ⊕ GROUNDWATER MONITORING WELL LOCATION
- EX-8A ⊕ GROUNDWATER EXTRACTION WELL LOCATION
- IN-16A ⊕ GROUNDWATER INJECTION WELL LOCATION
- [15,000] 1,2-DCA CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
- J ANALYTE DETECTED BETWEEN THE METHOD DETECTION LIMIT AND THE LABORATORY REPORTING LIMIT SHOWN
- < LESS THAN
- [NS] NOT SAMPLED
- 1,000 --- 1,2-DCA ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- 1.0 --- INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 1.0 AND 10.0 FEET (SOME CONTOURS OMITTED FOR CLARITY DUE TO THEIR DENSITY)
- ⊕ DENOTES DEPRESSION
- GROUNDWATER FLOW DIRECTION
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- FS #127 LA COUNTY FIRE STATION NO. 127
- SMC STAUFFER MANAGEMENT COMPANY LLC

**Notes:**

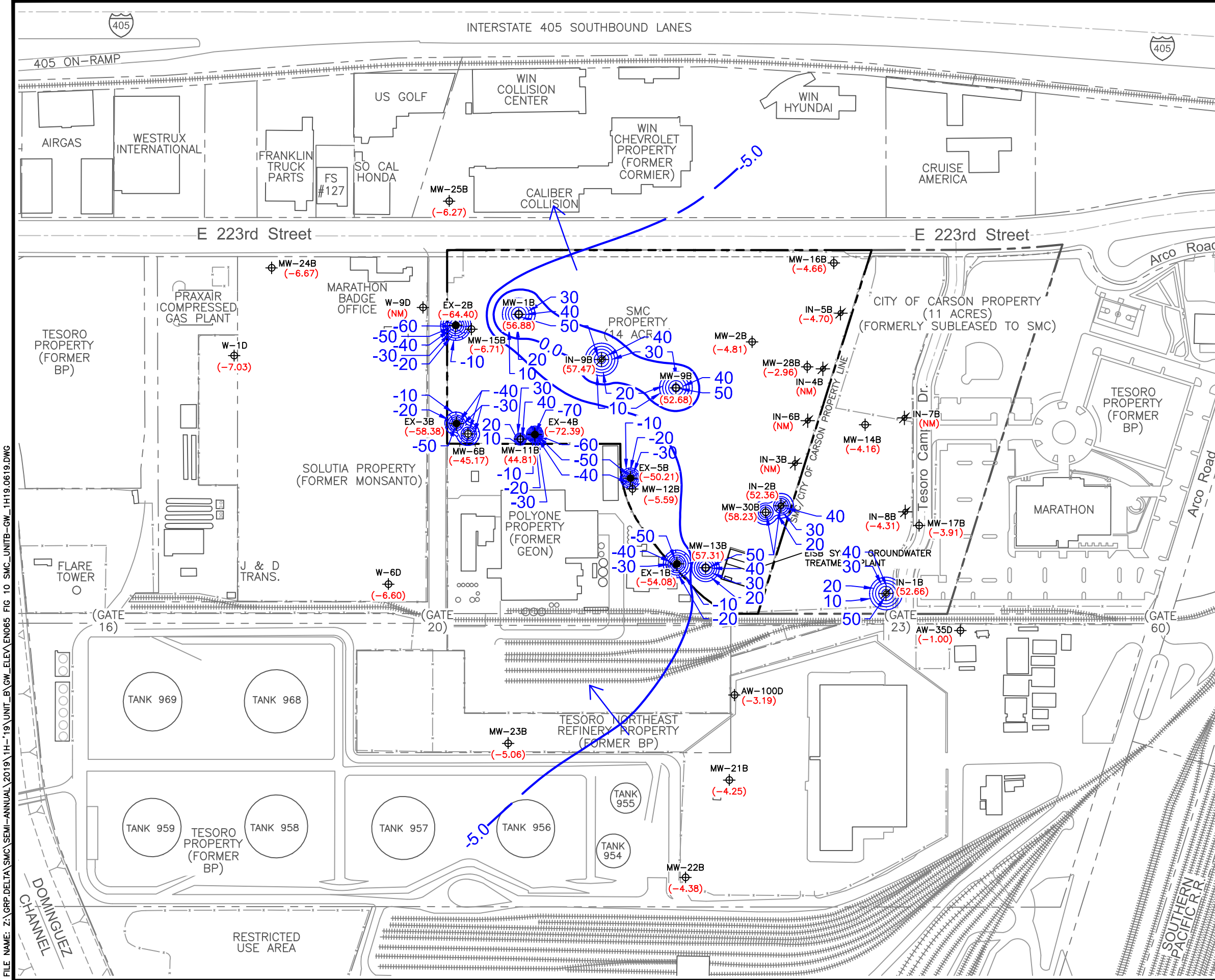
1. BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>1,2-DCA ISOCONCENTRATION MAP UNIT A - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19		Figure
Project No. EN065		6



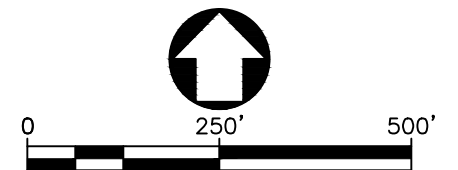




### Explanation

	SITE PROPERTY/BOUNDARY LINE
	MW-30B GROUNDWATER MONITORING WELL LOCATION
	EX-5B GROUNDWATER EXTRACTION WELL LOCATION
	IN-9B GROUNDWATER INJECTION WELL LOCATION
(58.23)	GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (MSL), MEASURED FIRST SEMI-ANNUAL 2019
(NM)	NOT MEASURED
-5.0	INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 1.0 AND 10.0 FEET (SOME CONTOURS OMITTED FOR CLARITY DUE TO THEIR DENSITY)
	DENOTES DEPRESSION
	GROUNDWATER FLOW DIRECTION
BP	BRITISH PETROLEUM
EISB	ENHANCED IN-SITU BIOREMEDIATION
FS #127	LA COUNTY FIRE STATION NO. 127
SMC	STAUFFER MANAGEMENT COMPANY LLC

- ### Notes:
- BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
  - WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



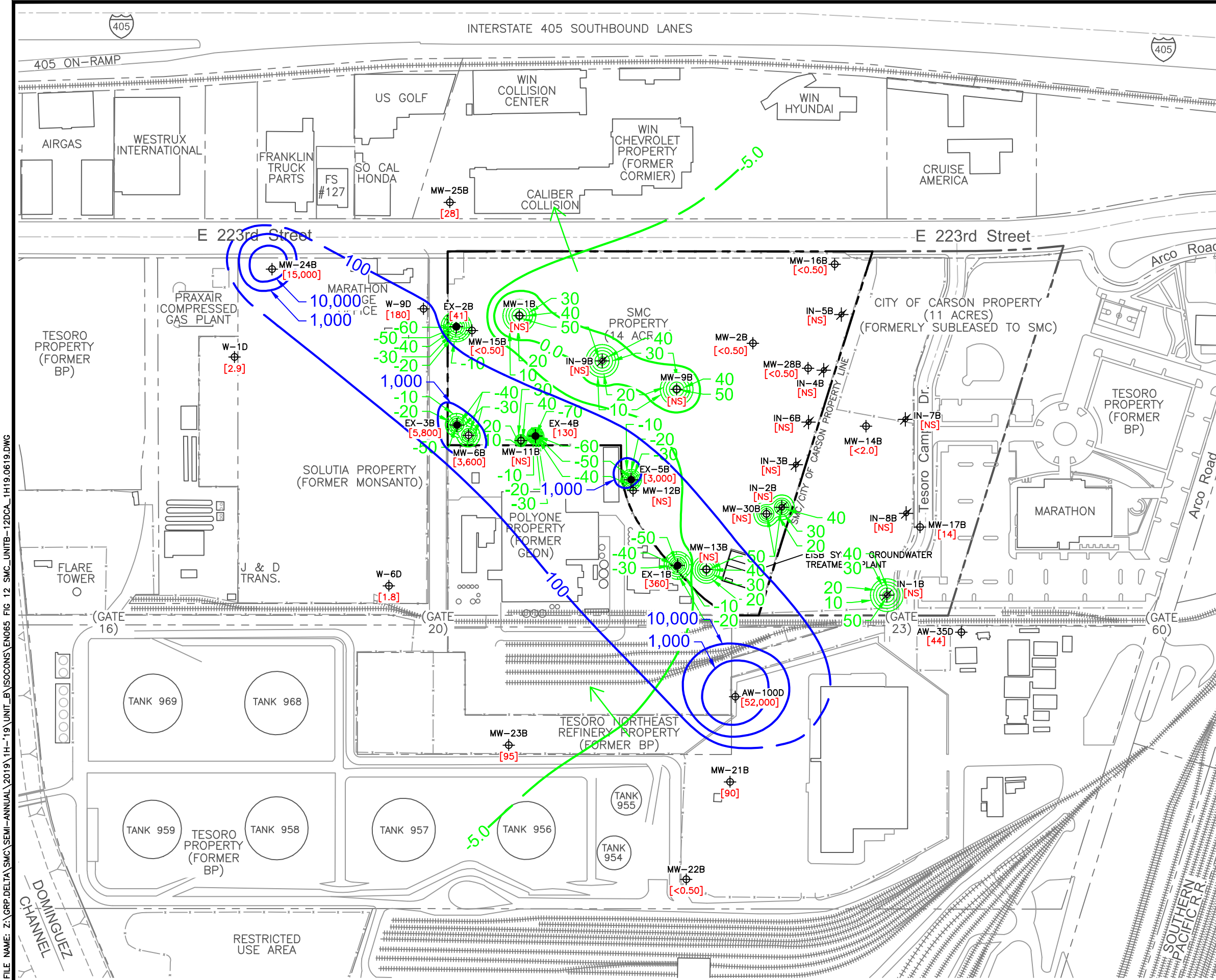
SEMI-ANNUAL GROUNDWATER MONITORING EVENT

## GROUNDWATER ELEVATION MAP UNIT B - FIRST SEMI-ANNUAL 2019

STAUFFER MANAGEMENT COMPANY LLC  
CARSON, CALIFORNIA

Date: 06-19		
Project No. EN065		Figure 10

FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_B\GW\_ELEV\EN065 FIG 10 SMC\_UNITB-GW\_1H19\_0619.DWG

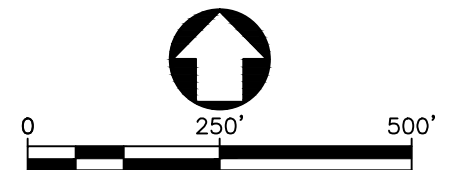


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-30B ⊕ GROUNDWATER MONITORING WELL LOCATION
- EX-5B ⊕ GROUNDWATER EXTRACTION WELL LOCATION
- IN-9B ⊕ GROUNDWATER INJECTION WELL LOCATION
- [<0.50] 1,2-DCA CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
- < LESS THAN
- [NS] NOT SAMPLED
- 1,000 --- 1,2-DCA ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- 5.0 --- INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 1.0 AND 10.0 FEET (SOME CONTOURS OMITTED FOR CLARITY DUE TO THEIR DENSITY)
- ⊕ DENOTES DEPRESSION
- GROUNDWATER FLOW DIRECTION
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- FS #127 LA COUNTY FIRE STATION NO. 127
- SMC STAUFFER MANAGEMENT COMPANY LLC

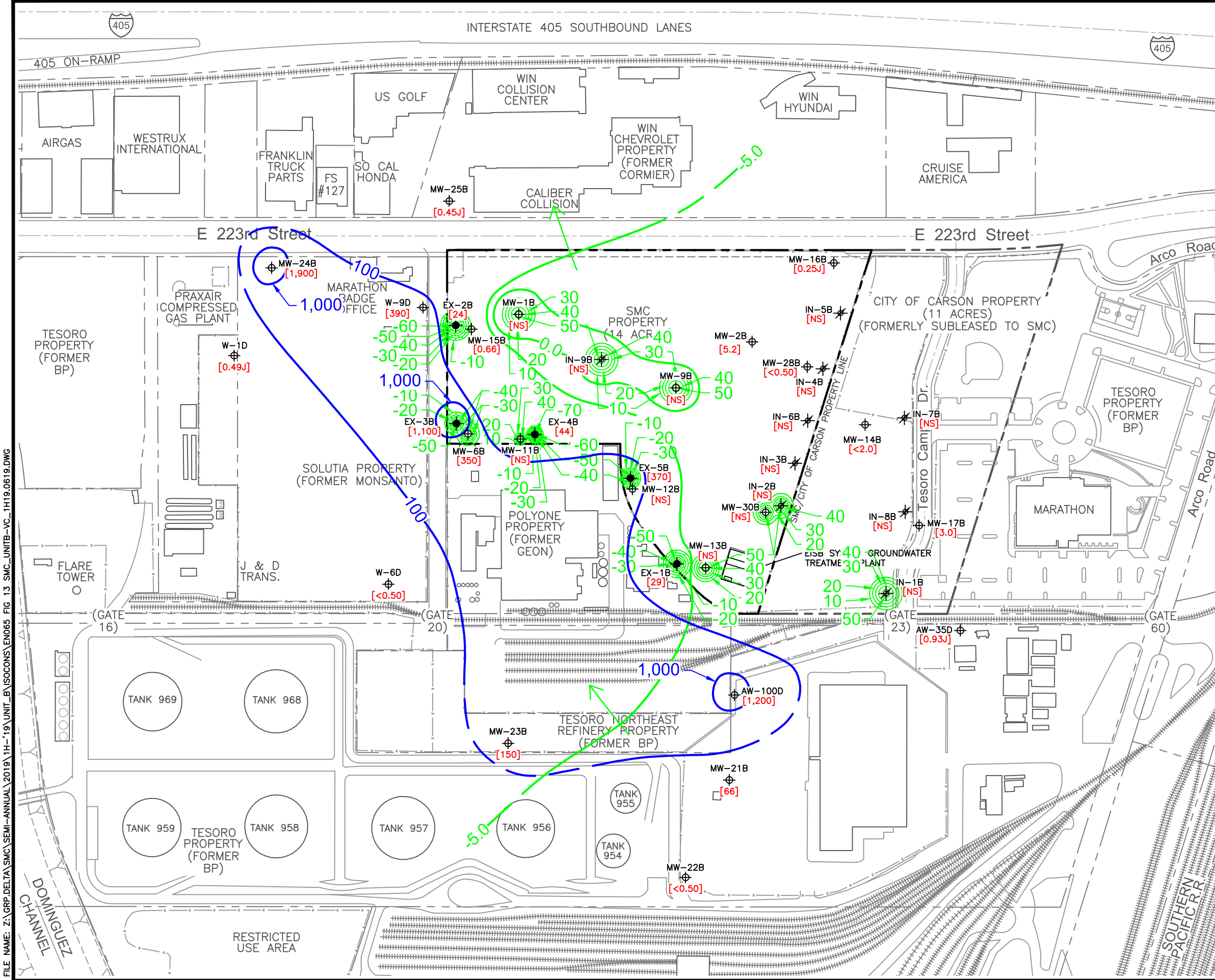
**Notes:**

1. BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>1,2-DCA ISOCONCENTRATION MAP UNIT B - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19	<b>GROUP DELTA</b>	Figure
Project No. EN065		12

FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_B\ISOCONS\EN065 FIG 12 SMC\_UNITB-12DCA\_1H19\_0619.DWG

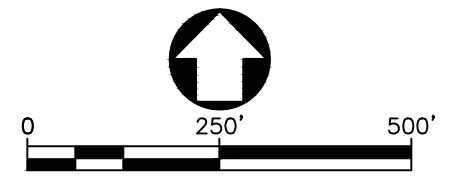


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-30B ⊕ GROUNDWATER MONITORING WELL LOCATION
- EX-5B ⊕ GROUNDWATER EXTRACTION WELL LOCATION
- IN-9B ⊕ GROUNDWATER INJECTION WELL LOCATION
- [0.25J] VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
- J ANALYTE DETECTED BETWEEN THE METHOD DETECTION LIMIT AND THE LABORATORY REPORTING LIMIT SHOWN
- < LESS THAN
- [NS] NOT SAMPLED
- 1,000 VINYL CHLORIDE ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- 5.0 INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 1.0 AND 10.0 FEET (SOME CONTOURS OMITTED FOR CLARITY DUE TO THEIR DENSITY)
- ⊕ DENOTES DEPRESSION
- GROUNDWATER FLOW DIRECTION
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- FS #127 LA COUNTY FIRE STATION NO. 127
- SMC STAUFFER MANAGEMENT COMPANY LLC

**Notes:**

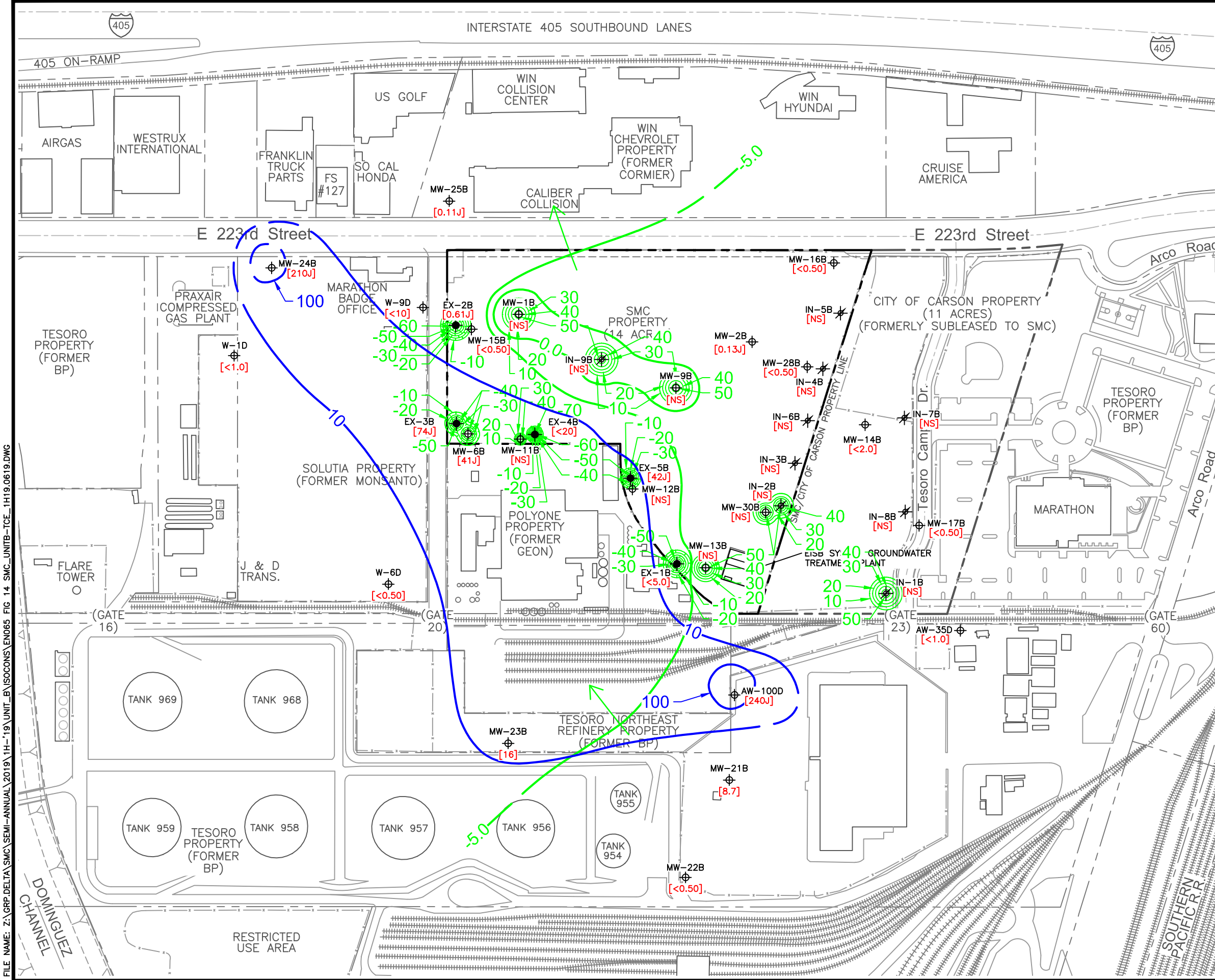
1. BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>VC ISOCONCENTRATION MAP UNIT B - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19		Figure
Project No. EN065		13

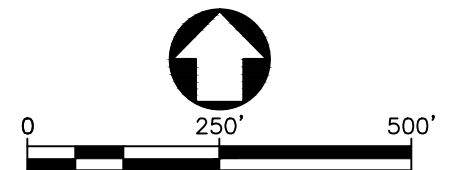
FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_B\ISOCONS\EN065 FIG 13 SMC\_UNITB-VC\_1H19\_0619.DWG





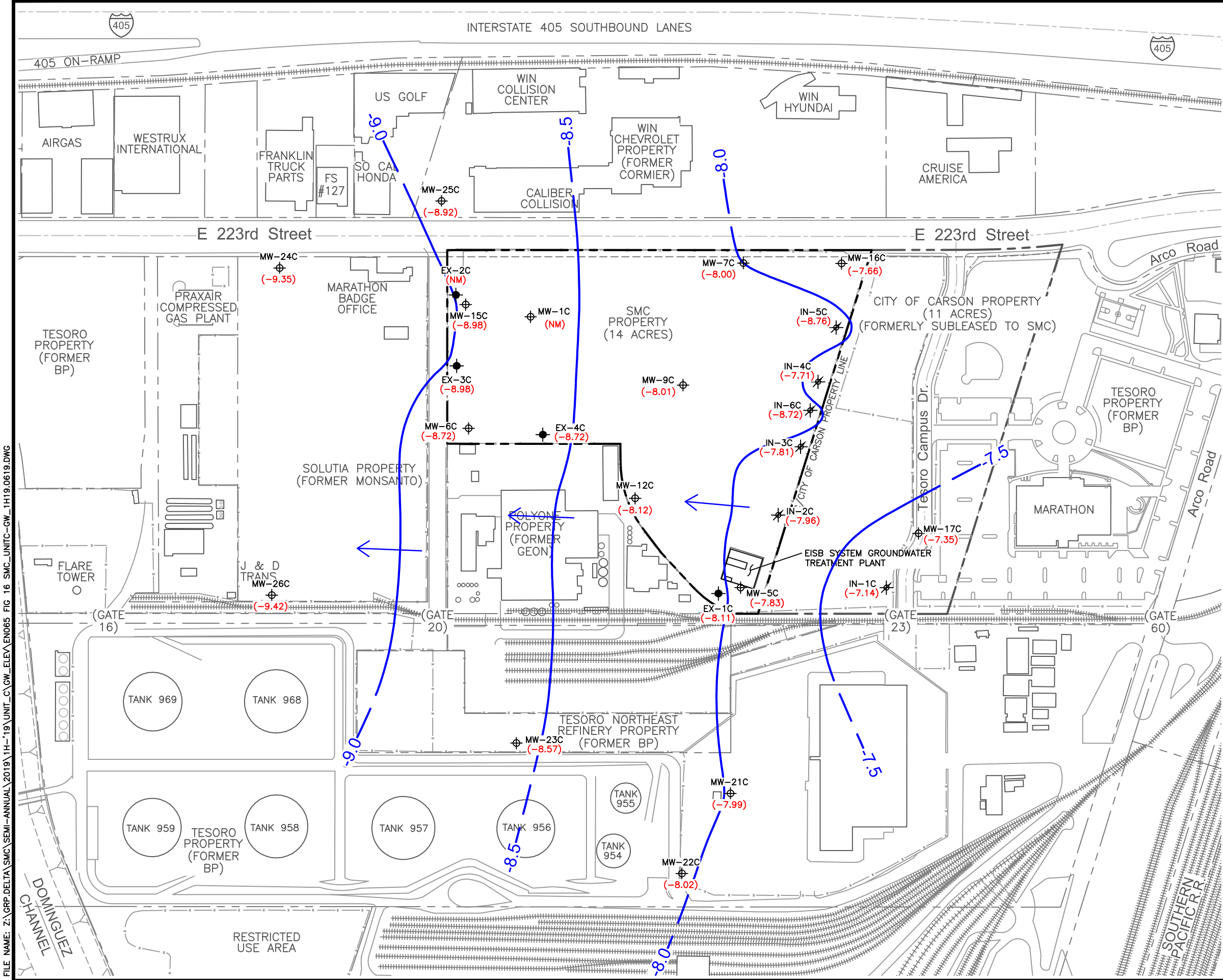
- ### Explanation
- SITE PROPERTY/BOUNDARY LINE
  - MW-30B ⊕ GROUNDWATER MONITORING WELL LOCATION
  - EX-5B ⊕ GROUNDWATER EXTRACTION WELL LOCATION
  - IN-9B ⊕ GROUNDWATER INJECTION WELL LOCATION
  - [<0.50] TCE CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
  - J ANALYTE DETECTED BETWEEN THE METHOD DETECTION LIMIT AND THE LABORATORY REPORTING LIMIT SHOWN
  - < LESS THAN
  - [NS] NOT SAMPLED
  - 100 --- TCE ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
  - 5.0 --- INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 1.0 AND 10.0 FEET (SOME CONTOURS OMITTED FOR CLARITY DUE TO THEIR DENSITY)
  - ⊕ DENOTES DEPRESSION
  - GROUNDWATER FLOW DIRECTION
  - BP BRITISH PETROLEUM
  - EISB ENHANCED IN-SITU BIOREMEDIATION
  - FS #127 LA COUNTY FIRE STATION NO. 127
  - SMC STAUFFER MANAGEMENT COMPANY LLC

- ### Notes:
1. BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
  2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>TCE ISOCONCENTRATION MAP UNIT B - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19		Figure
Project No. EN065		14

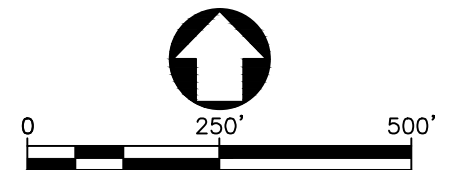
FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_B\ISOCONS\EN065 FIG 14 SMC\_UNITB-TCE\_1H19.0619.DWG



### Explanation

	SITE PROPERTY/BOUNDARY LINE
	GROUNDWATER MONITORING WELL LOCATION
	GROUNDWATER EXTRACTION WELL LOCATION
	GROUNDWATER INJECTION WELL LOCATION
(-7.66)	GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (MSL), MEASURED FIRST SEMI-ANNUAL 2019
-9.0	INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS 0.5 FEET
	DENOTES DEPRESSION
	GROUNDWATER FLOW DIRECTION
BP	BRITISH PETROLEUM
EISB	ENHANCED IN-SITU BIOREMEDIATION
FS #127	LA COUNTY FIRE STATION NO. 127
SMC	STAUFFER MANAGEMENT COMPANY LLC

- ### Notes:
- BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
  - WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



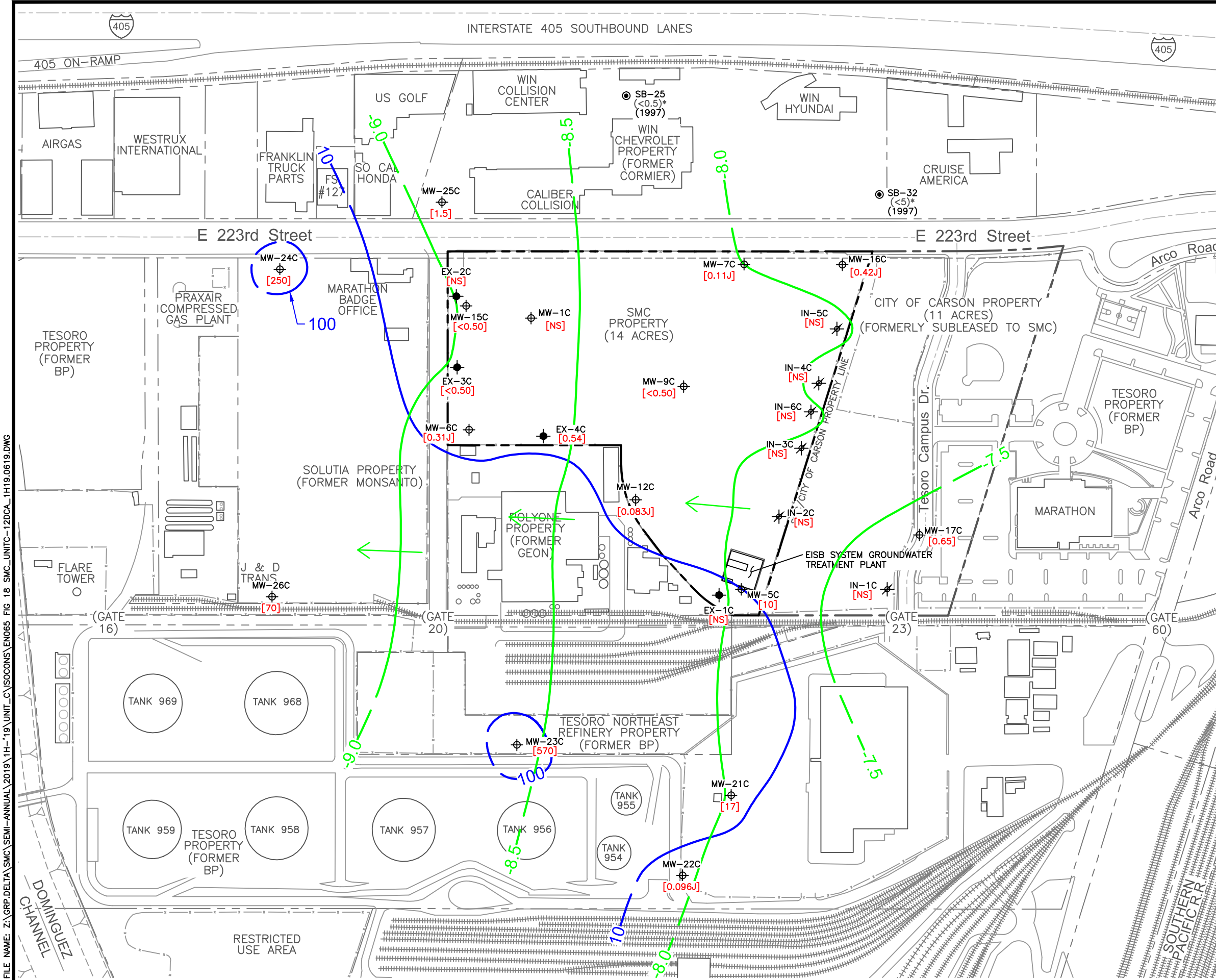
SEMI-ANNUAL GROUNDWATER MONITORING EVENT

## GROUNDWATER ELEVATION MAP UNIT C - FIRST SEMI-ANNUAL 2019

STAUFFER MANAGEMENT COMPANY LLC  
CARSON, CALIFORNIA

Date: 06-19		Project No. EN065	Figure 16
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FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_C\GW\_ELEV\_EN065 FIG 16 SMC\_UNITC-GW\_1H19\_0619.DWG

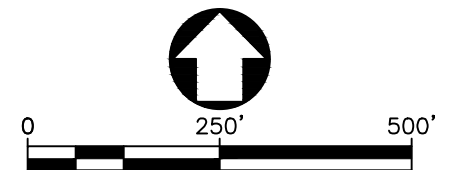


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-16C ⊕ GROUNDWATER MONITORING WELL LOCATION
- EX-1C ⊕ GROUNDWATER EXTRACTION WELL LOCATION
- IN-1C ⊕ GROUNDWATER INJECTION WELL LOCATION
- SB-32 ⊕ FORMER HYDROPUNCH SAMPLING LOCATION
- [0.42J] 1,2-DCA CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
- J ANALYTE DETECTED BETWEEN THE METHOD DETECTION LIMIT AND THE LABORATORY REPORTING LIMIT SHOWN
- < LESS THAN
- [NS] NOT SAMPLED
- 100 — 1,2-DCA ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- 9.0 — INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS 0.5 FEET
- ⊕ DENOTES DEPRESSION
- GROUNDWATER FLOW DIRECTION
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- FS #127 LA COUNTY FIRE STATION NO. 127
- SMC STAUFFER MANAGEMENT COMPANY LLC

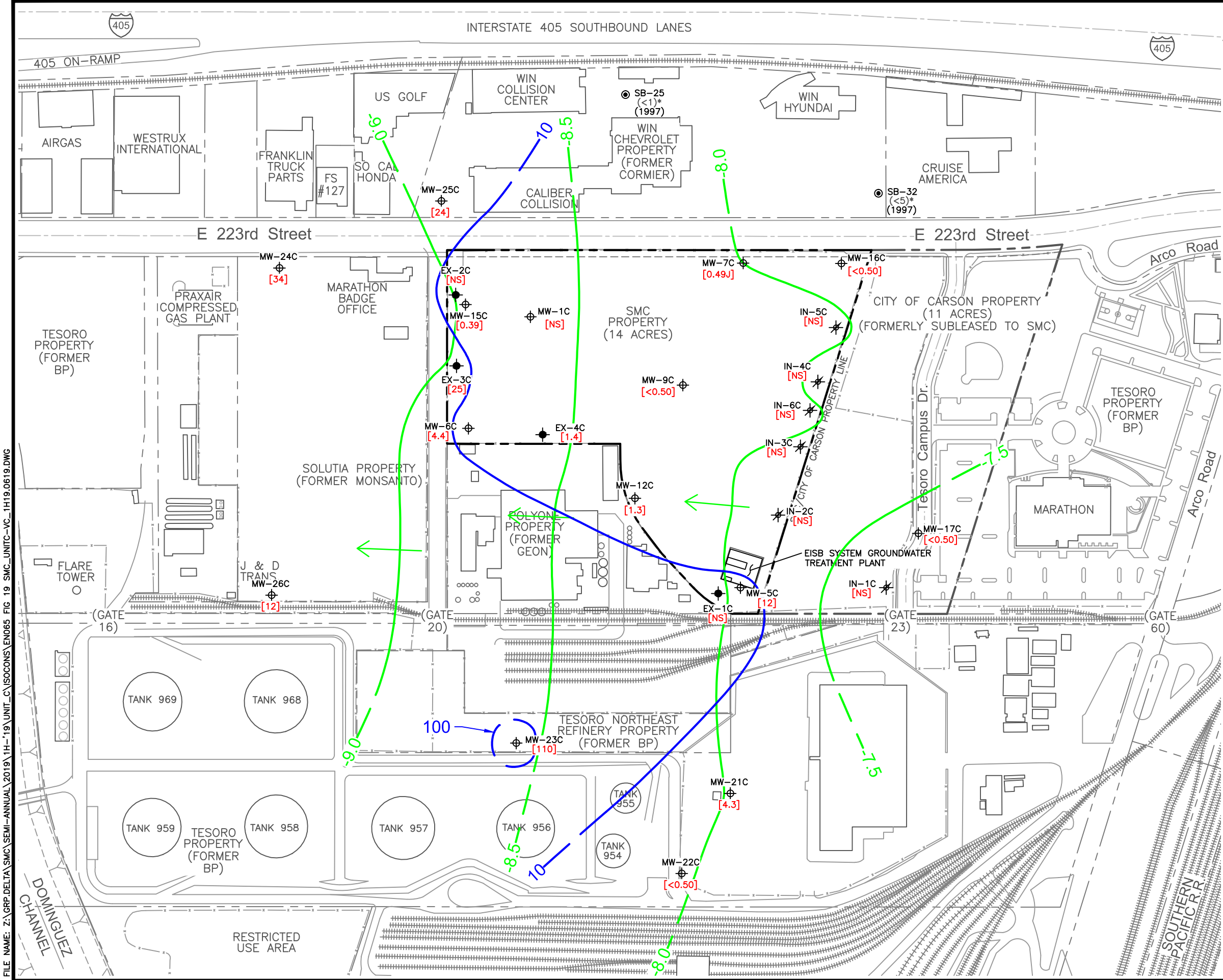
**Notes:**

1. BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



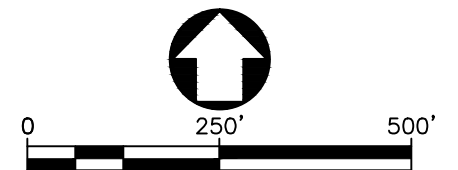
SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>1,2-DCA ISOCONCENTRATION MAP UNIT C - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19		Figure
Project No. EN065		18

FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_C\ISOCONS\EN065 FIG 18 SMC\_UNITC-12DCA\_1H19\_0619.DWG



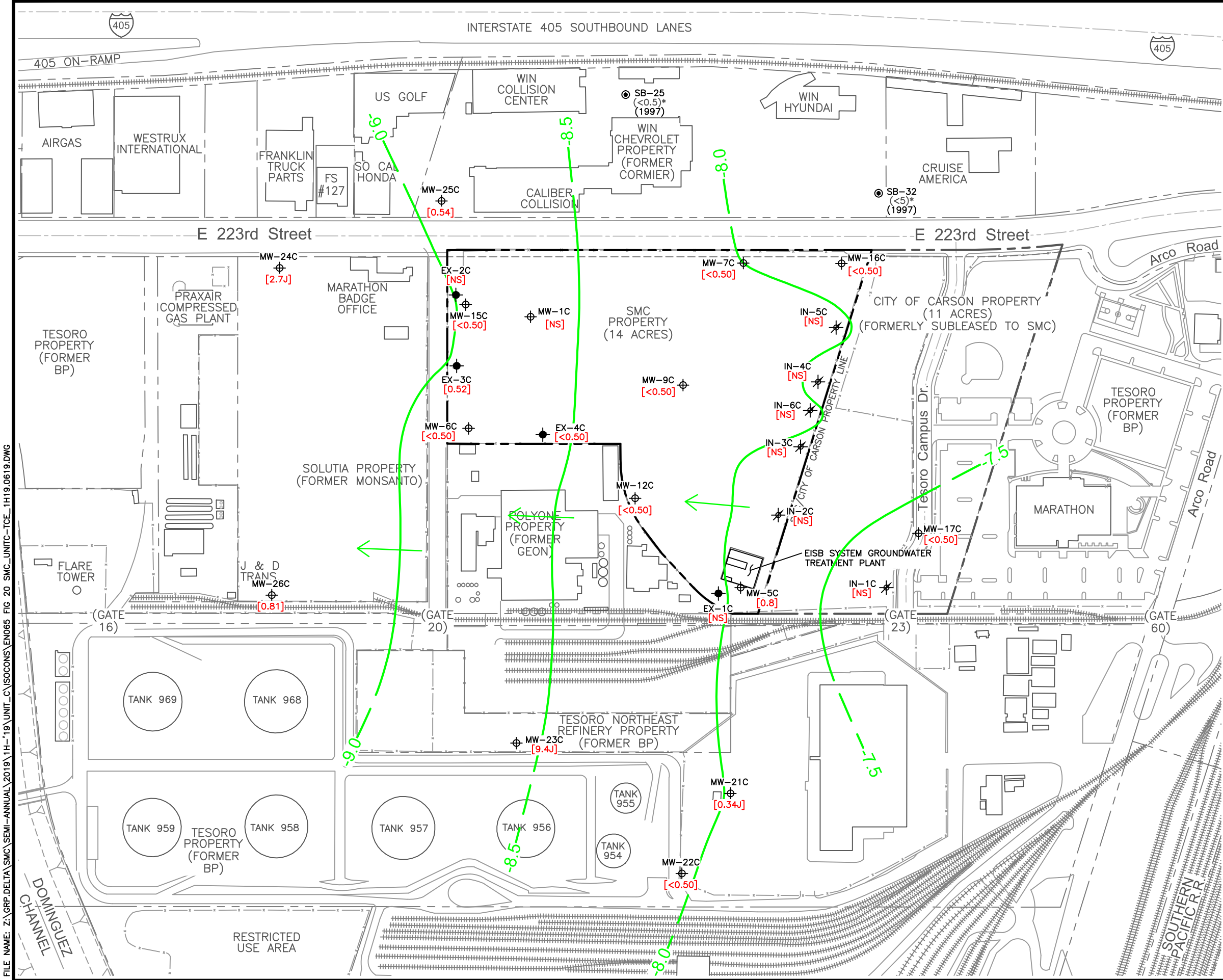
- ### Explanation
- SITE PROPERTY/BOUNDARY LINE
  - MW-16C ⊕ GROUNDWATER MONITORING WELL LOCATION
  - EX-1C ⊕ GROUNDWATER EXTRACTION WELL LOCATION
  - IN-1C ⊕ GROUNDWATER INJECTION WELL LOCATION
  - SB-32 ⊙ FORMER HYDROPUNCH SAMPLING LOCATION
  - [<0.50] VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
  - J ANALYTE DETECTED BETWEEN THE METHOD DETECTION LIMIT AND THE LABORATORY REPORTING LIMIT SHOWN
  - < LESS THAN
  - [NS] NOT SAMPLED
  - 100 --- VINYL CHLORIDE ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
  - 9.0 --- INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS 0.5 FEET
  - ⊙ DENOTES DEPRESSION
  - GROUNDWATER FLOW DIRECTION
  - BP BRITISH PETROLEUM
  - EISB ENHANCED IN-SITU BIOREMEDIATION
  - FS #127 LA COUNTY FIRE STATION NO. 127
  - SMC STAUFFER MANAGEMENT COMPANY LLC

- ### Notes:
- BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
  - WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>VC ISOCONCENTRATION MAP UNIT C - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19		Figure
Project No. EN065		19

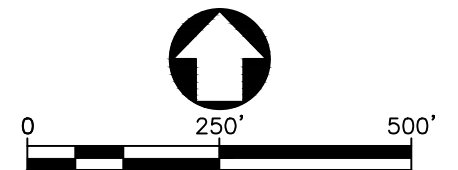
FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_C\ISOCONS\EN065 FIG 19 SMC\_UNITC-VC\_1H19\_0619.DWG



### Explanation

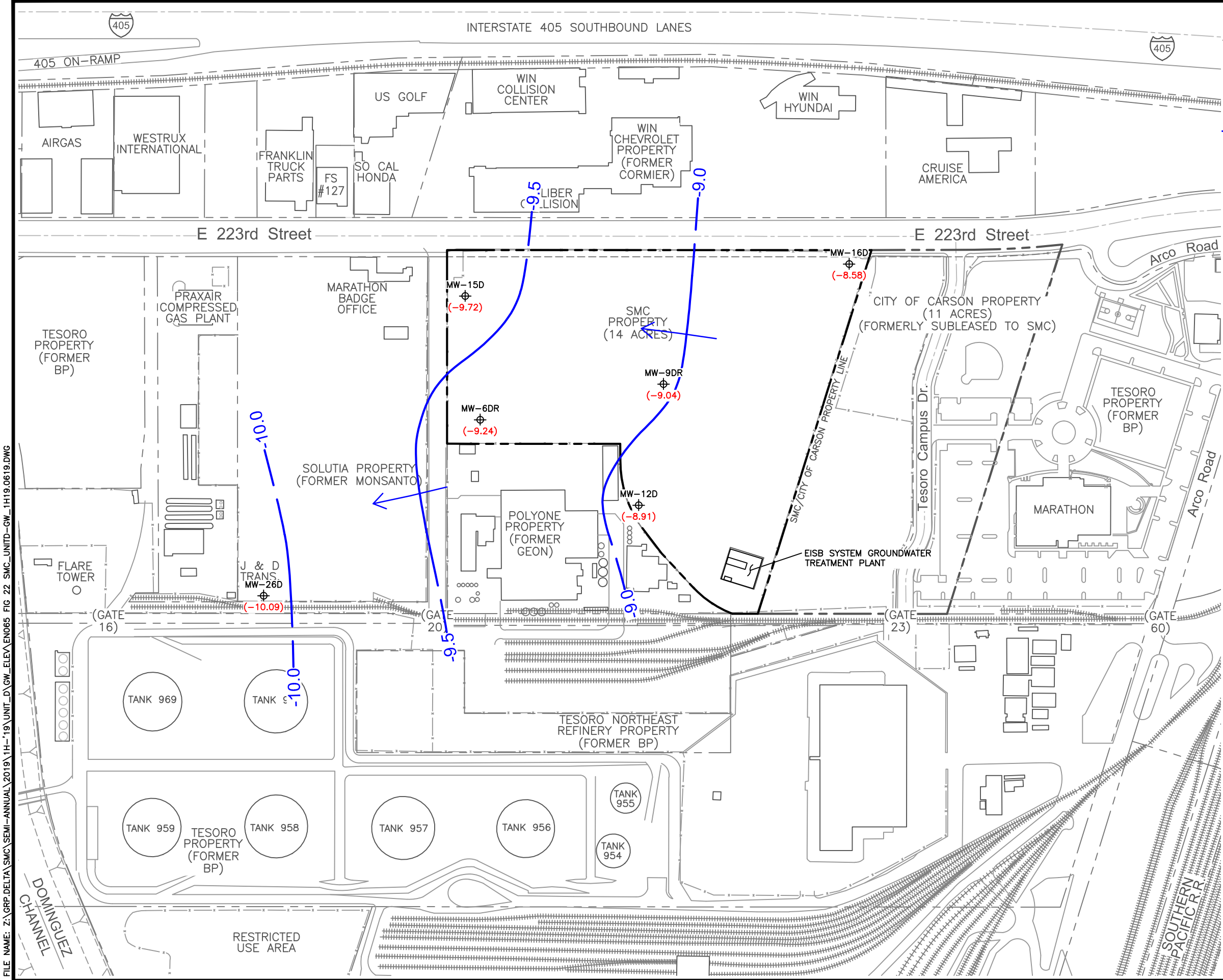
	SITE PROPERTY/BOUNDARY LINE
	MW-16C GROUNDWATER MONITORING WELL LOCATION
	EX-1C GROUNDWATER EXTRACTION WELL LOCATION
	IN-1C GROUNDWATER INJECTION WELL LOCATION
	SB-32 FORMER HYDROPUNCH SAMPLING LOCATION
[<0.50]	TCE CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
J	ANALYTE DETECTED BETWEEN THE METHOD DETECTION LIMIT AND THE LABORATORY REPORTING LIMIT SHOWN
<	LESS THAN
[NS]	NOT SAMPLED
10	TCE ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
-9.0	INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS 0.5 FEET
	DENOTES DEPRESSION
	GROUNDWATER FLOW DIRECTION
BP	BRITISH PETROLEUM
EISB	ENHANCED IN-SITU BIOREMEDIATION
FS #127	LA COUNTY FIRE STATION NO. 127
SMC	STAUFFER MANAGEMENT COMPANY LLC

- ### Notes:
- BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
  - WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>TCE ISOCONCENTRATION MAP UNIT C - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19		Figure
Project No. EN065		20

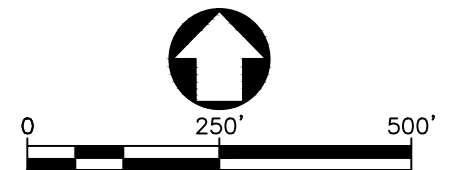
FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_C\ISOCONS\EN065 FIG 20 SMC\_UNITC-TCE\_1H19.0619.DWG



**Explanation**

	SITE PROPERTY/BOUNDARY LINE
	GROUNDWATER MONITORING WELL LOCATION GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (MSL), MEASURED FIRST SEMI-ANNUAL 2019
	INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.5 FEET
	GROUNDWATER FLOW DIRECTION
	BRITISH PETROLEUM
	ENHANCED IN-SITU BIOREMEDIATION
	LA COUNTY FIRE STATION NO. 127
	STAUFFER MANAGEMENT COMPANY LLC

- Notes:**
1. BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
  2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT

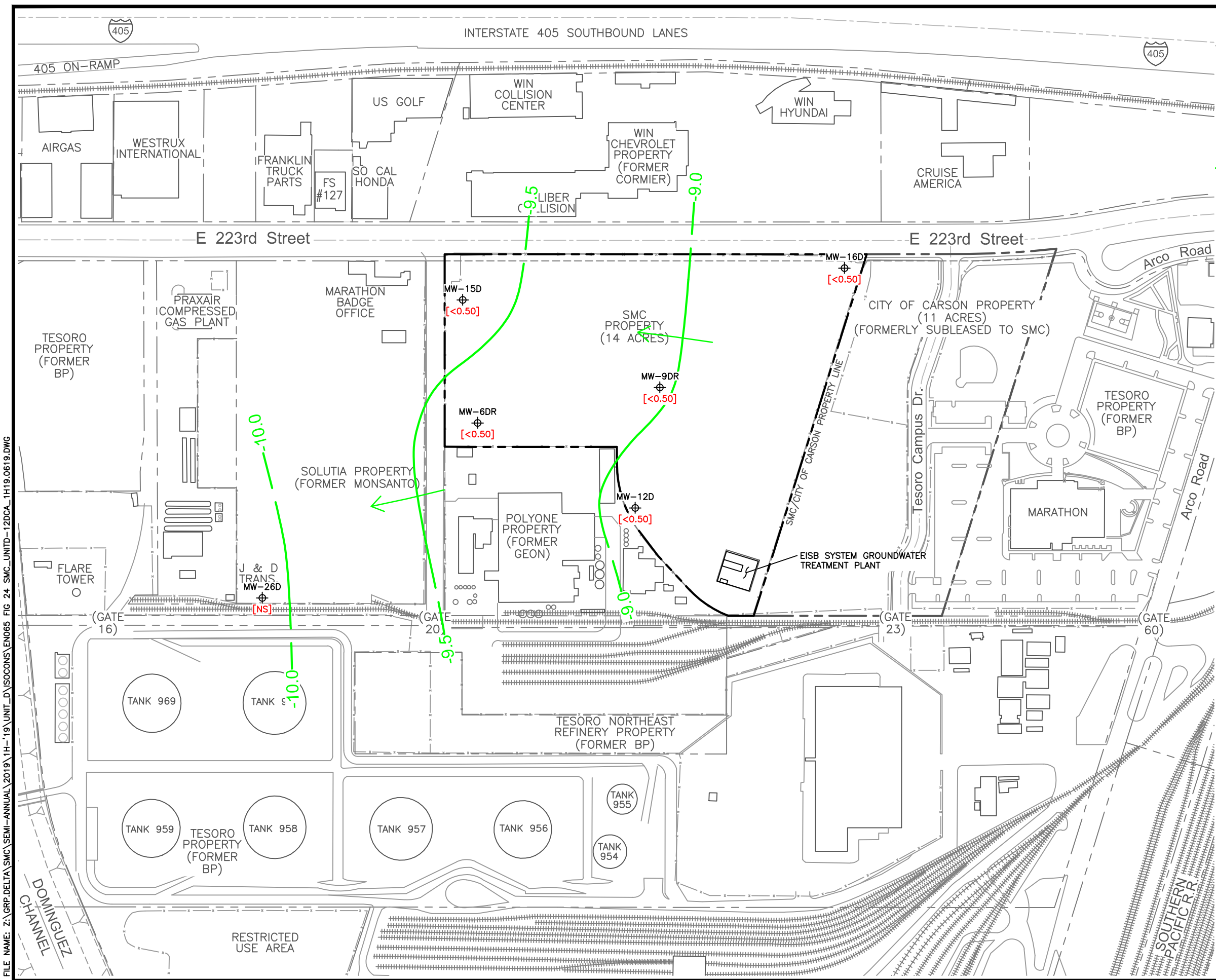
**GROUNDWATER ELEVATION MAP  
UNIT D - FIRST SEMI-ANNUAL 2019**

STAUFFER MANAGEMENT COMPANY LLC  
CARSON, CALIFORNIA

Date: 06-19		Figure
Project No. EN065		22

FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_D\GW\_ELEV\_EN065 FIG 22 SMC\_UNIT-D\GW\_1H19\_0619.DWG

FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_D\ISOCONS\EN065 FIG 24 SMC\_UNITD-12DCA\_1H19\_0619.DWG

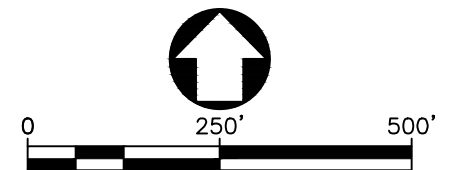


**Explanation**

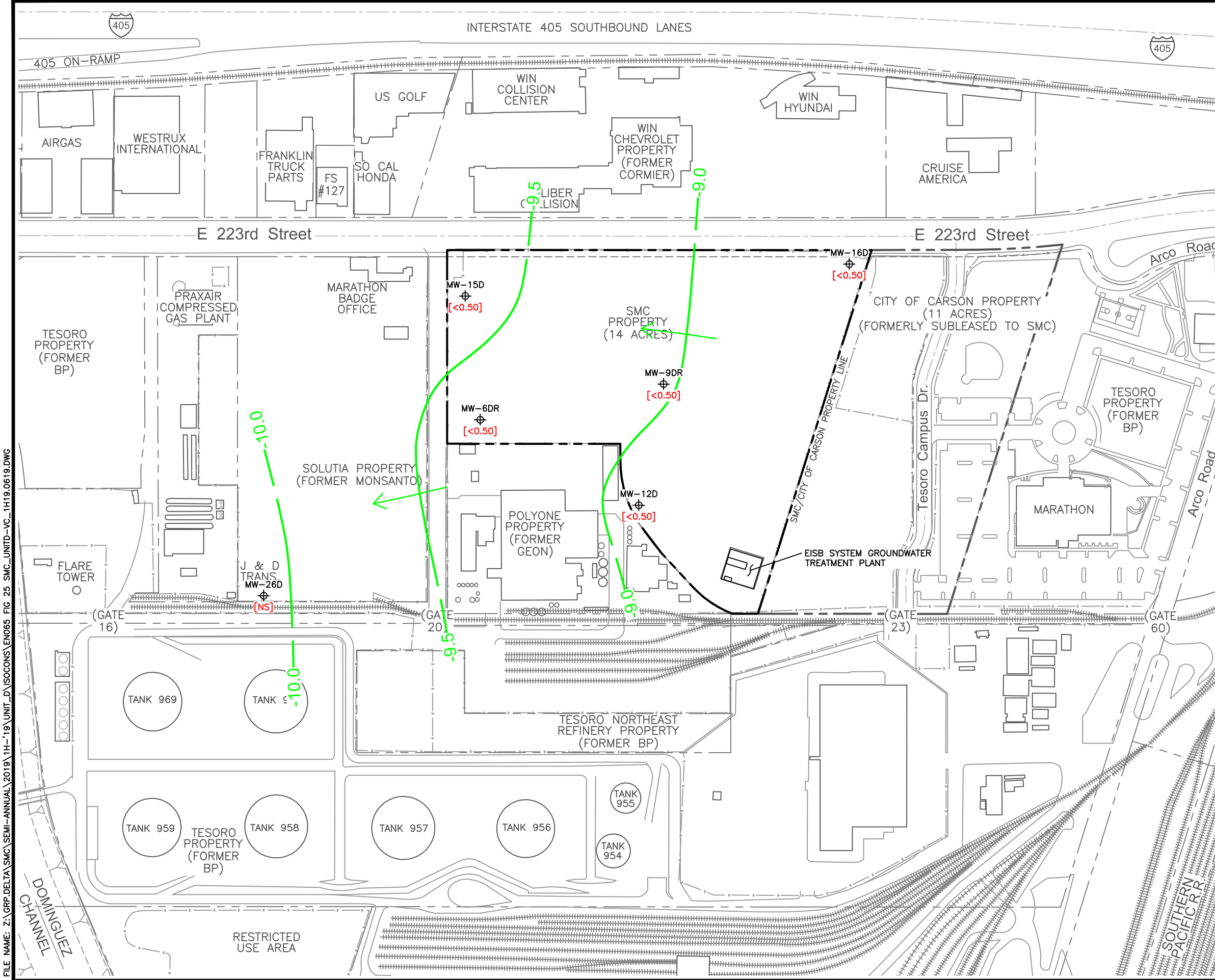
- SITE PROPERTY/BOUNDARY LINE
- MW-16D  $\oplus$  GROUNDWATER MONITORING WELL LOCATION
- [<math>0.50</math>] 1,2-DCA CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER ( $\mu\text{g/L}$ ) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
- [NS] NOT SAMPLED
- 10.0  $\curvearrowright$  INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.5 FEET
- $\rightarrow$  GROUNDWATER FLOW DIRECTION
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- FS #127 LA COUNTY FIRE STATION NO. 127
- SMC STAUFFER MANAGEMENT COMPANY LLC

**Notes:**

1. BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



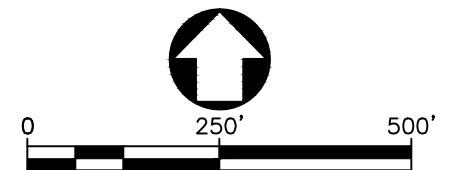
SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>1,2-DCA CONCENTRATION MAP UNIT D - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19		Figure
Project No. EN065		24



**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-16D ⊕ GROUNDWATER MONITORING WELL LOCATION
- [<0.50] VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER (µg/L) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
- [NS] NOT SAMPLED
- 10.0 INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.5 FEET
- GROUNDWATER FLOW DIRECTION
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- FS #127 LA COUNTY FIRE STATION NO. 127
- SMC STAUFFER MANAGEMENT COMPANY LLC

- Notes:**
1. BASEMAP LINWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
  2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT

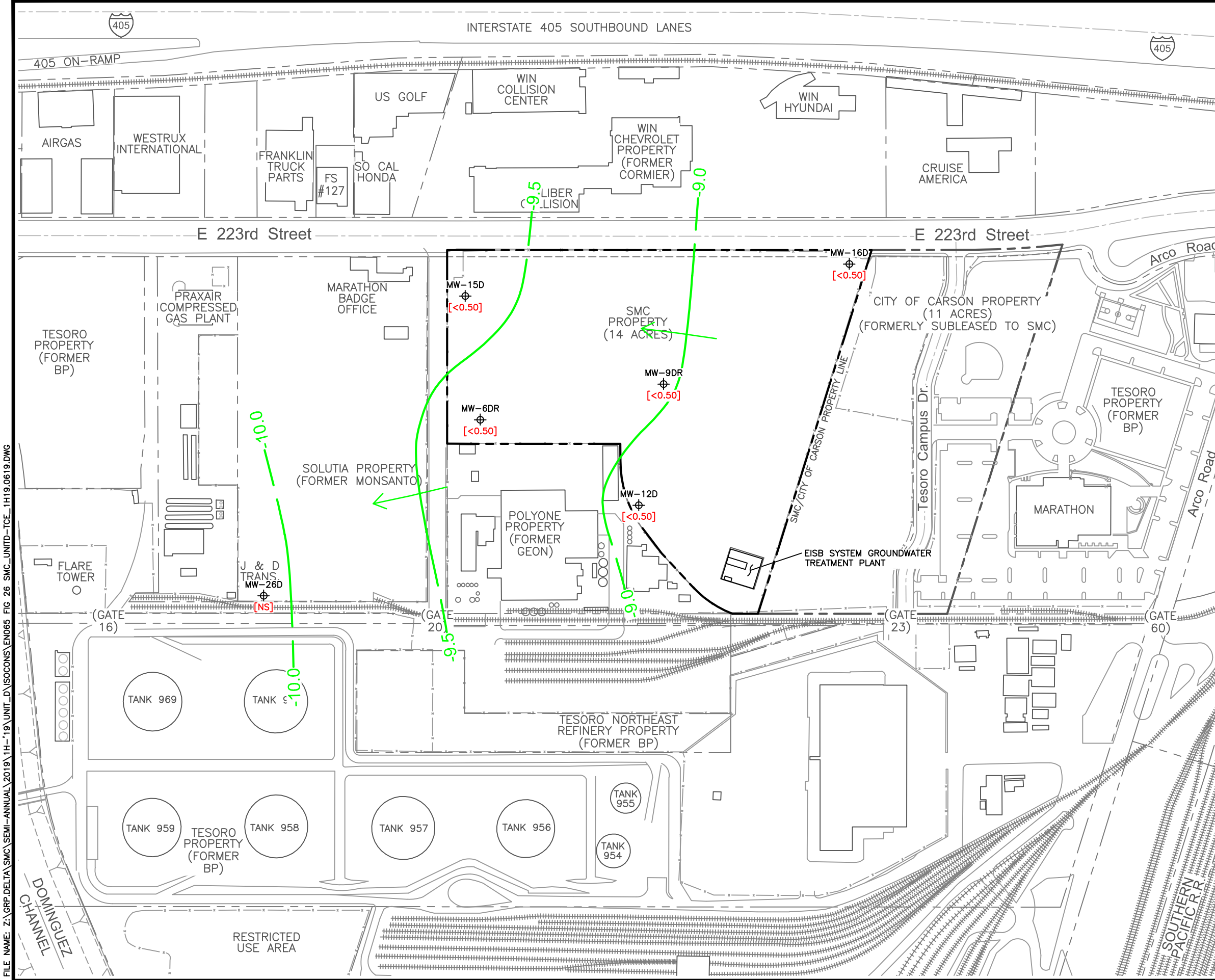
**VC CONCENTRATION MAP**  
UNIT D - FIRST SEMI-ANNUAL 2019

STAUFFER MANAGEMENT COMPANY LLC  
CARSON, CALIFORNIA

Date: 06-19		Figure
Project No. EN065		25

FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_D\ISOCONS\EN065 FIG 25 SMC\_UNITD-VC\_1H19\_0619.DWG



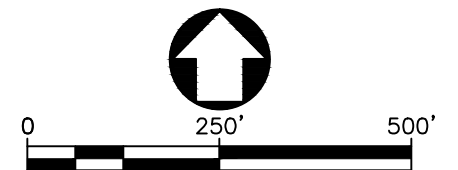


**Explanation**

- SITE PROPERTY/BOUNDARY LINE
- MW-16D  $\oplus$  GROUNDWATER MONITORING WELL LOCATION
- [<0.50] TCE CONCENTRATIONS IN GROUNDWATER SHOWN IN MICROGRAMS PER LITER ( $\mu\text{g/L}$ ) (DATA SHOWN FROM FIRST SEMI-ANNUAL 2019 SAMPLING)
- [NS] NOT SAMPLED
- 10.0 INTERPRETED GROUNDWATER ELEVATION CONTOURS IN FEET MSL. CONTOUR INTERVALS ARE 0.5 FEET
- GROUNDWATER FLOW DIRECTION
- BP BRITISH PETROLEUM
- EISB ENHANCED IN-SITU BIOREMEDIATION
- FS #127 LA COUNTY FIRE STATION NO. 127
- SMC STAUFFER MANAGEMENT COMPANY LLC

**Notes:**

1. BASEMAP LINEWORK DERIVED FROM: SATELLITE IMAGERY COLLECTED JUNE 17, 2015 DOWNLOADED FROM U.S.G.S. EARTH EXPLORER™. IMAGE IS A 1-FOOT RESOLUTION GROUND SAMPLE DISTANCE (GSD) ORTHORECTIFIED COLOR (RGB) WITH THE PROJECTION OF NAD83 STATE PLANE, ZONE 5, U.S. FOOT MEETING THE NATIONAL MAP ACCURACY STANDARDS (95% ACCURACY); AND LOS ANGELES COUNTY ASSESSOR'S OFFICE ONLINE GEOGRAPHIC INFORMATION SYSTEM DATABASE, COPYRIGHT 2017.
2. WELL LOCATIONS SURVEYED BY DULIN & BOYNTON, SURVEYS CONDUCTED BETWEEN 2002 AND 2015. ADDITIONAL SURVEYS CONDUCTED BY W.M. SURVEYS INC., FEBRUARY AND MARCH 2011, JANUARY AND JULY 2012. CALVADA SURVEYING, INC., FEBRUARY 2015, APRIL 2016 AND JULY 2017.



SEMI-ANNUAL GROUNDWATER MONITORING EVENT		
<b>TCE CONCENTRATION MAP</b>		
<b>UNIT D - FIRST SEMI-ANNUAL 2019</b>		
STAUFFER MANAGEMENT COMPANY LLC CARSON, CALIFORNIA		
Date: 06-19	<b>GROUP DELTA</b>	Figure
Project No. EN065		26

FILE NAME: Z:\GRP\DELTA\SMC\SEMI-ANNUAL\2019\1H-19\UNIT\_D\ISOCONS\EN065 FIG 26 SMC\_UNITD-TCE\_1H19.0619.DWG

# *Appendix F*

## *Historical Topographic Maps*

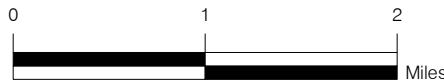
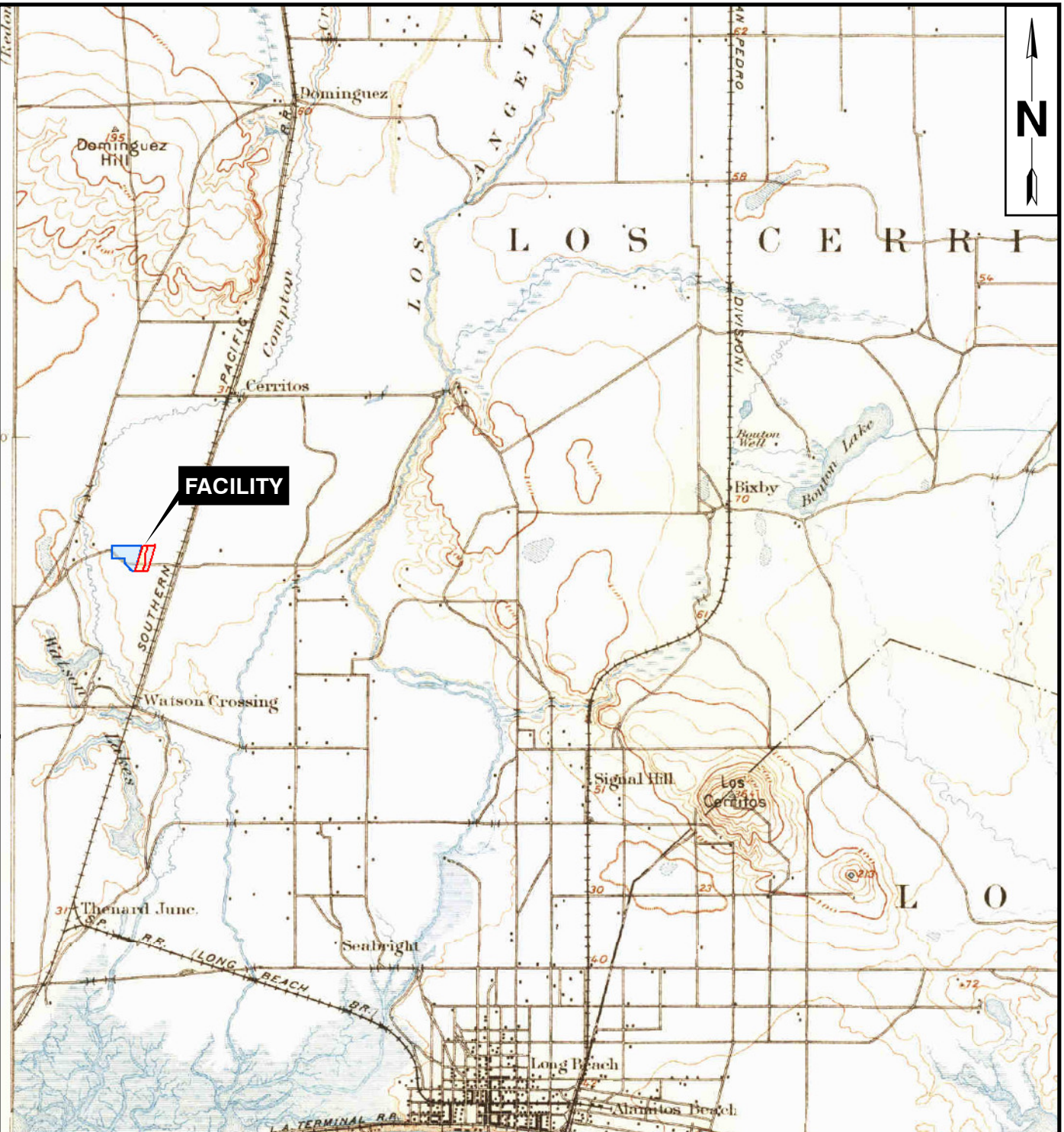


FIGURE F-1

**1896 TOPOGRAPHIC MAP**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

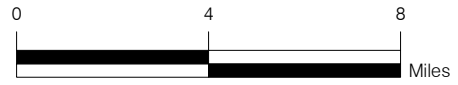
PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
1:62,500 U.S.G.S. TOPOGRAPHIC MAP OF  
DOWNEY, CALIFORNIA  
DATED: 1896



S:\GIS\1362 Former Stauffer Chemical\1362.004 Ph. 1 ESA Update\ArcMapDocuments\002\_1362\_004\_1901\_USGS\_Topo.mxd/9/20/2019



**FIGURE F-2**  
**1901 TOPOGRAPHIC MAP**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO

REFERENCE:  
1:250,000 U.S.G.S. TOPOGRAPHIC MAP OF  
SOUTHERN CALIFORNIA SECTION 1, CALIFORNIA  
DATED: 1901



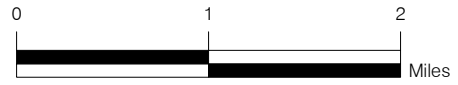
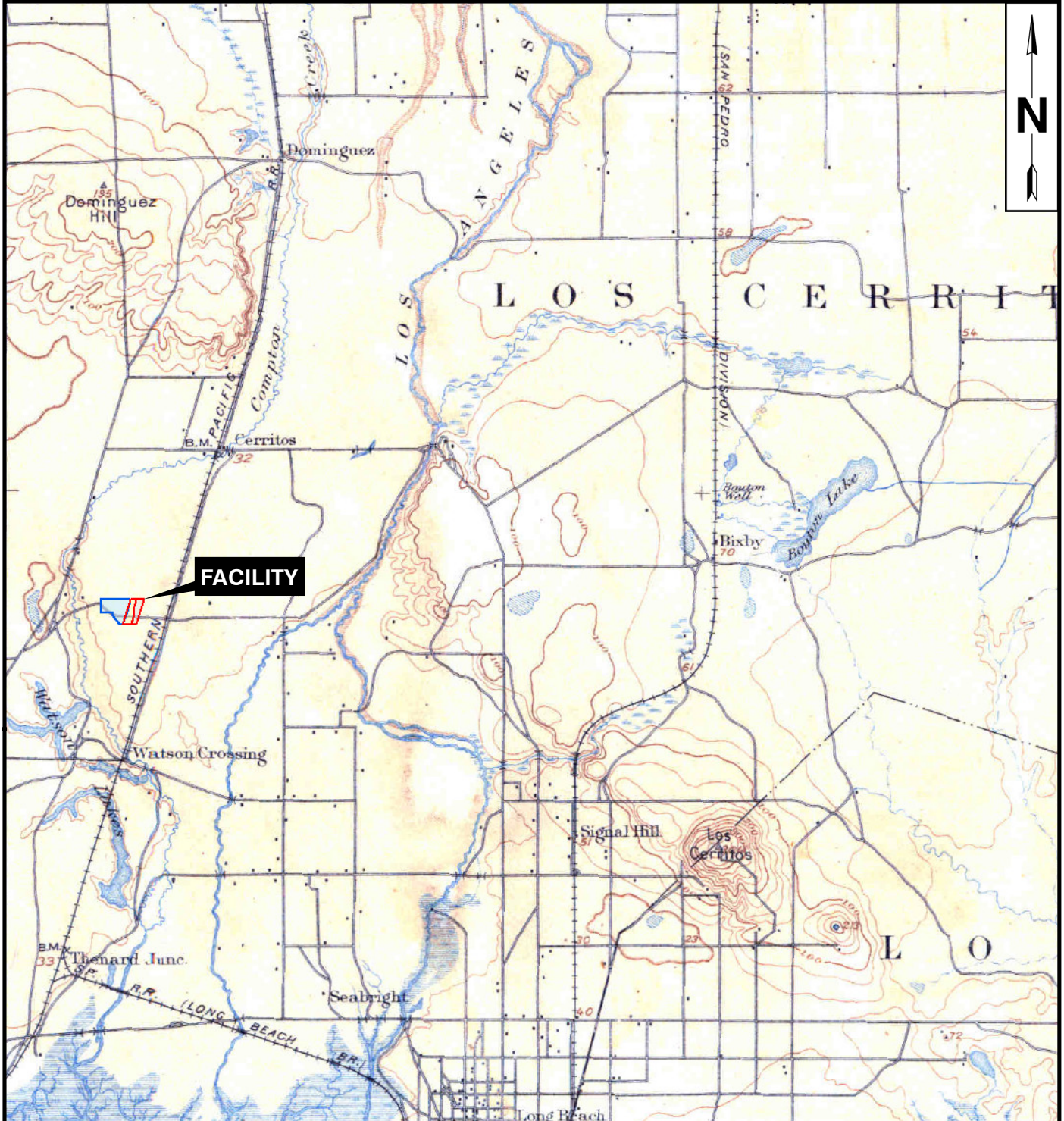


FIGURE F-3  
**1902 TOPOGRAPHIC MAP**

FORMER STAUFFER FACILITY  
 CARSON, CALIFORNIA

PREPARED FOR  
 PANATTONI DEVELOPMENT COMPANY, INC.  
 DENVER, COLORADO



REFERENCE:  
 1:62,500 U.S.G.S. TOPOGRAPHIC MAP OF  
 DOWNEY, CALIFORNIA  
 DATED: 1902

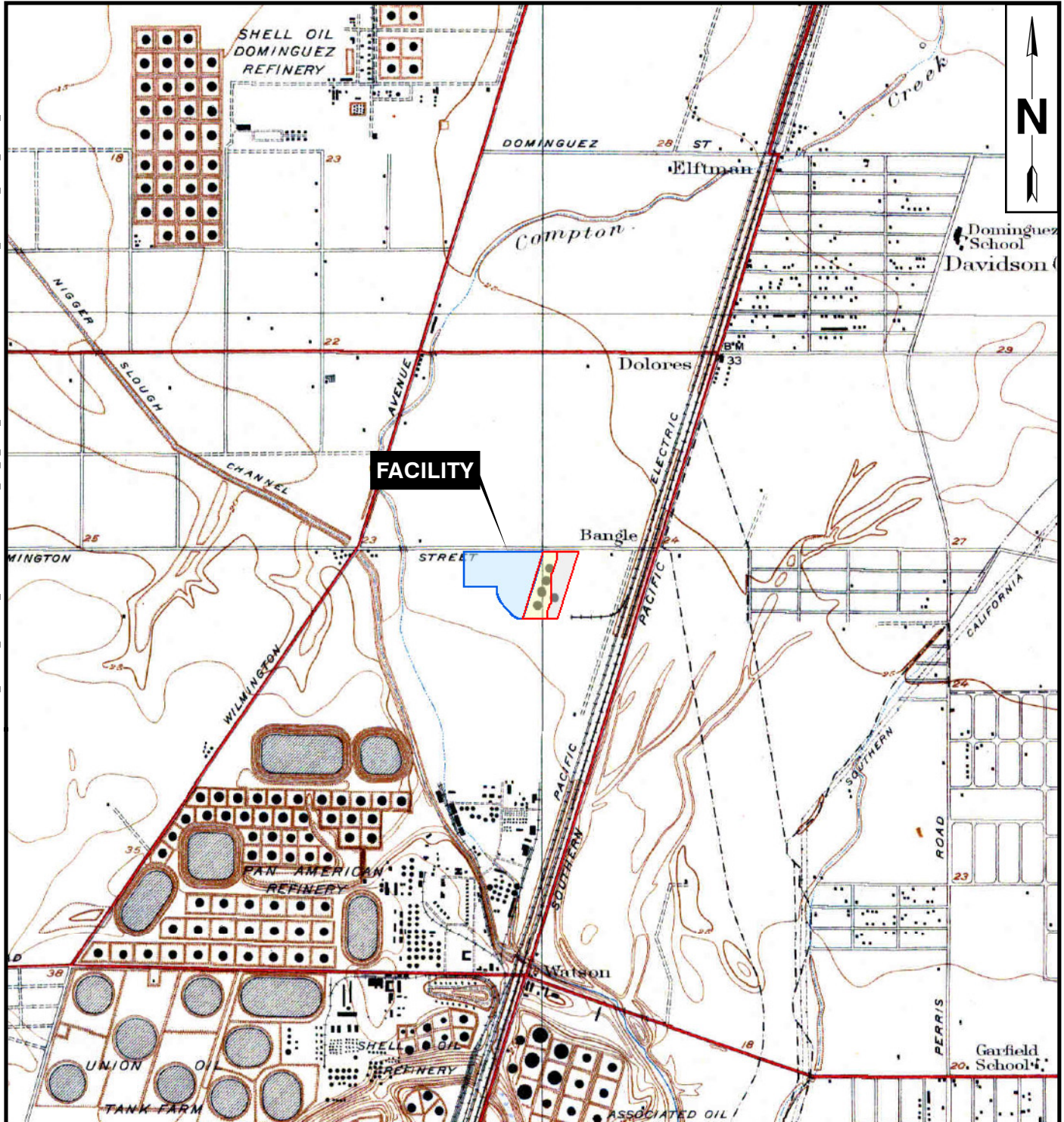


FIGURE F-4

**1930 TOPOGRAPHIC MAP**

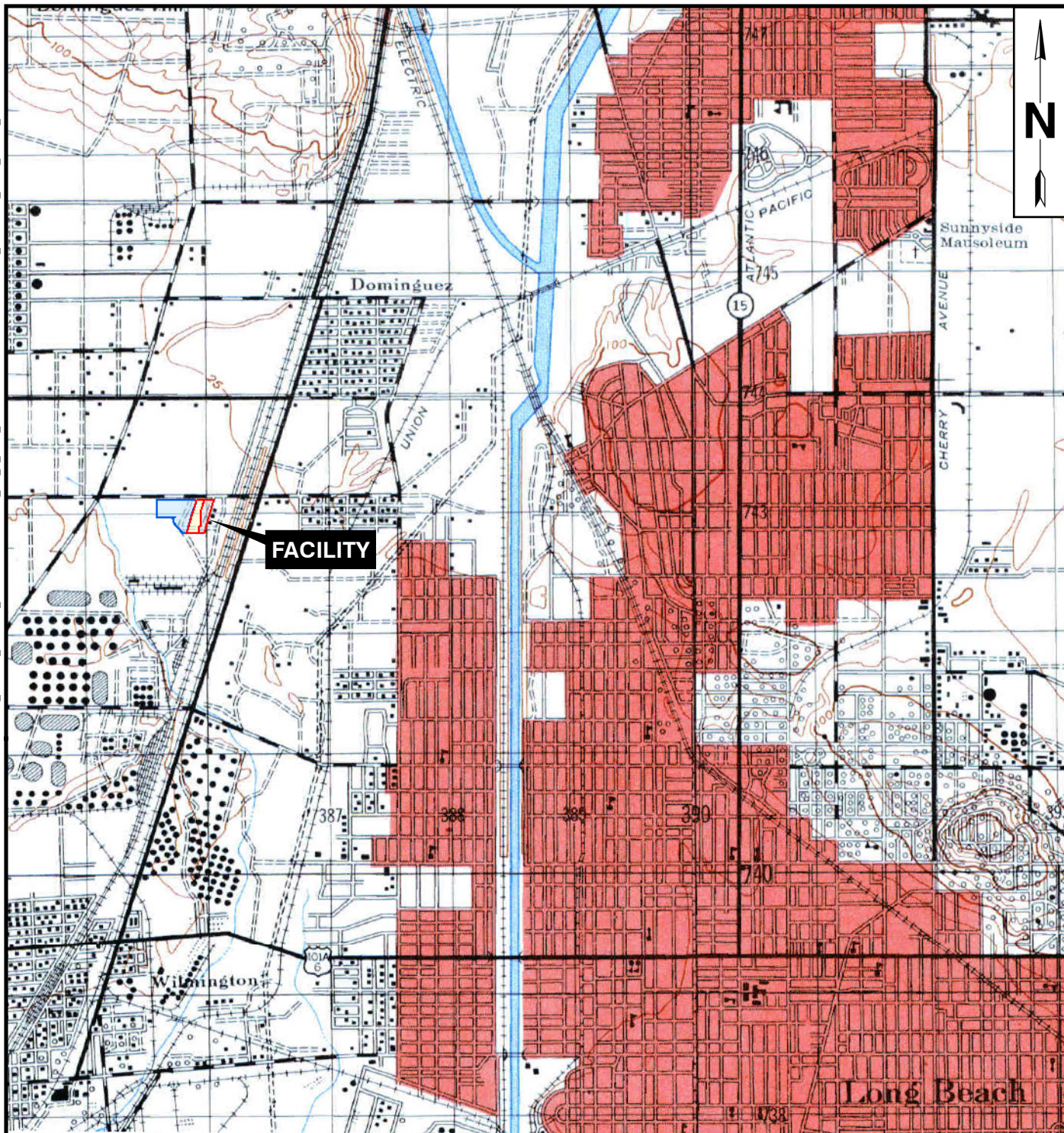
FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
1:24,000 U.S.G.S. TOPOGRAPHIC MAP OF  
COMPTON, CALIFORNIA  
DATED: 1930



SITE LOCATION

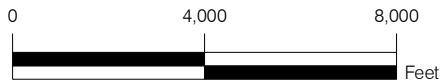


FIGURE F-5

**1947 TOPOGRAPHIC MAP**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
1:50,000 U.S.G.S. TOPOGRAPHIC MAP OF  
DOWNEY, CALIFORNIA  
DATED: 1947

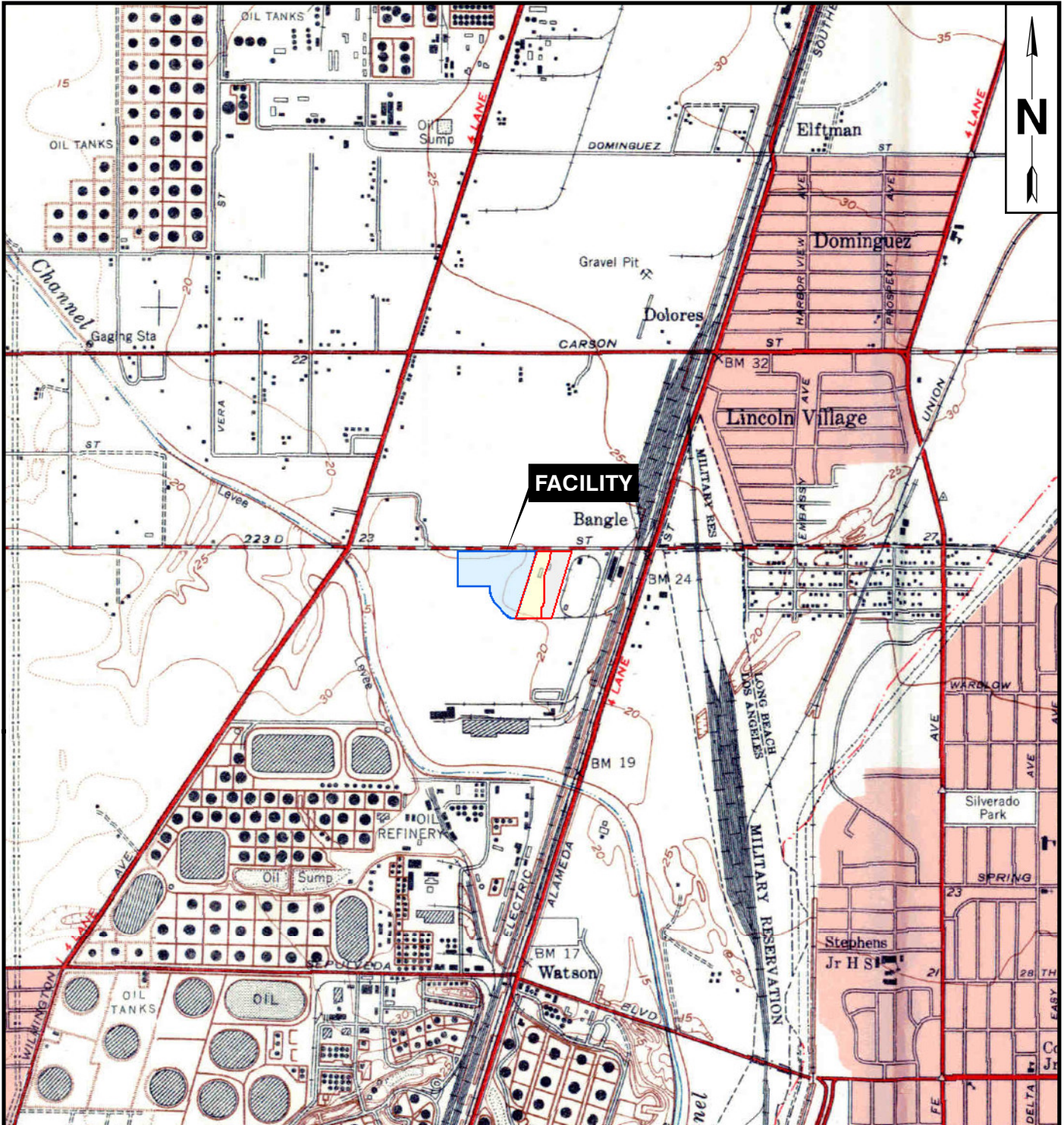


FIGURE F-6

**1951 TOPOGRAPHIC MAP**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
1:24,000 U.S.G.S. TOPOGRAPHIC MAP OF  
LONG BEACH VICINITY, CALIFORNIA  
DATED: 1951



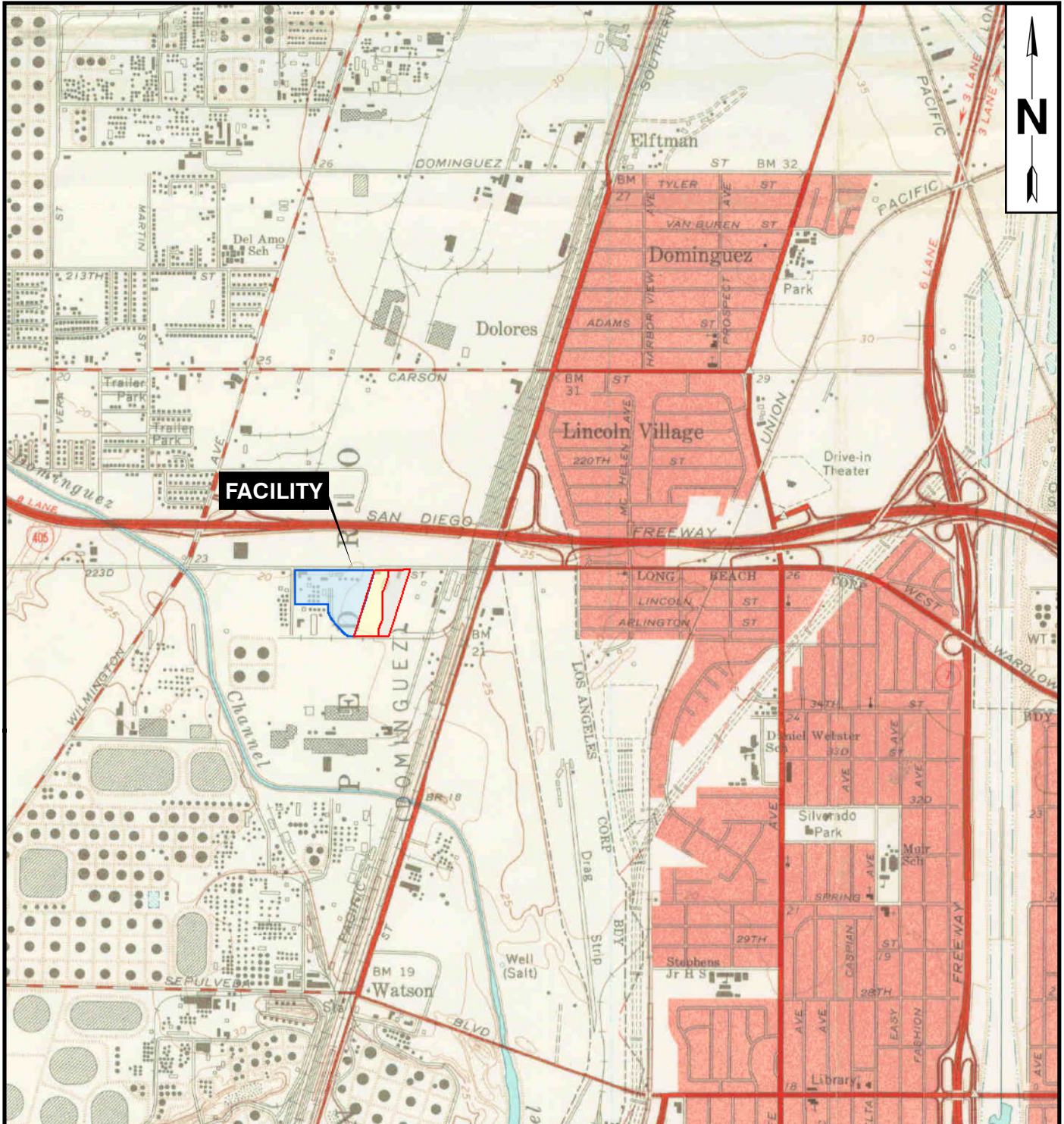


FIGURE F-7

**1964 TOPOGRAPHIC MAP**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
1:24,000 U.S.G.S. TOPOGRAPHIC MAP OF  
LONG BEACH, CALIFORNIA  
DATED: 1964

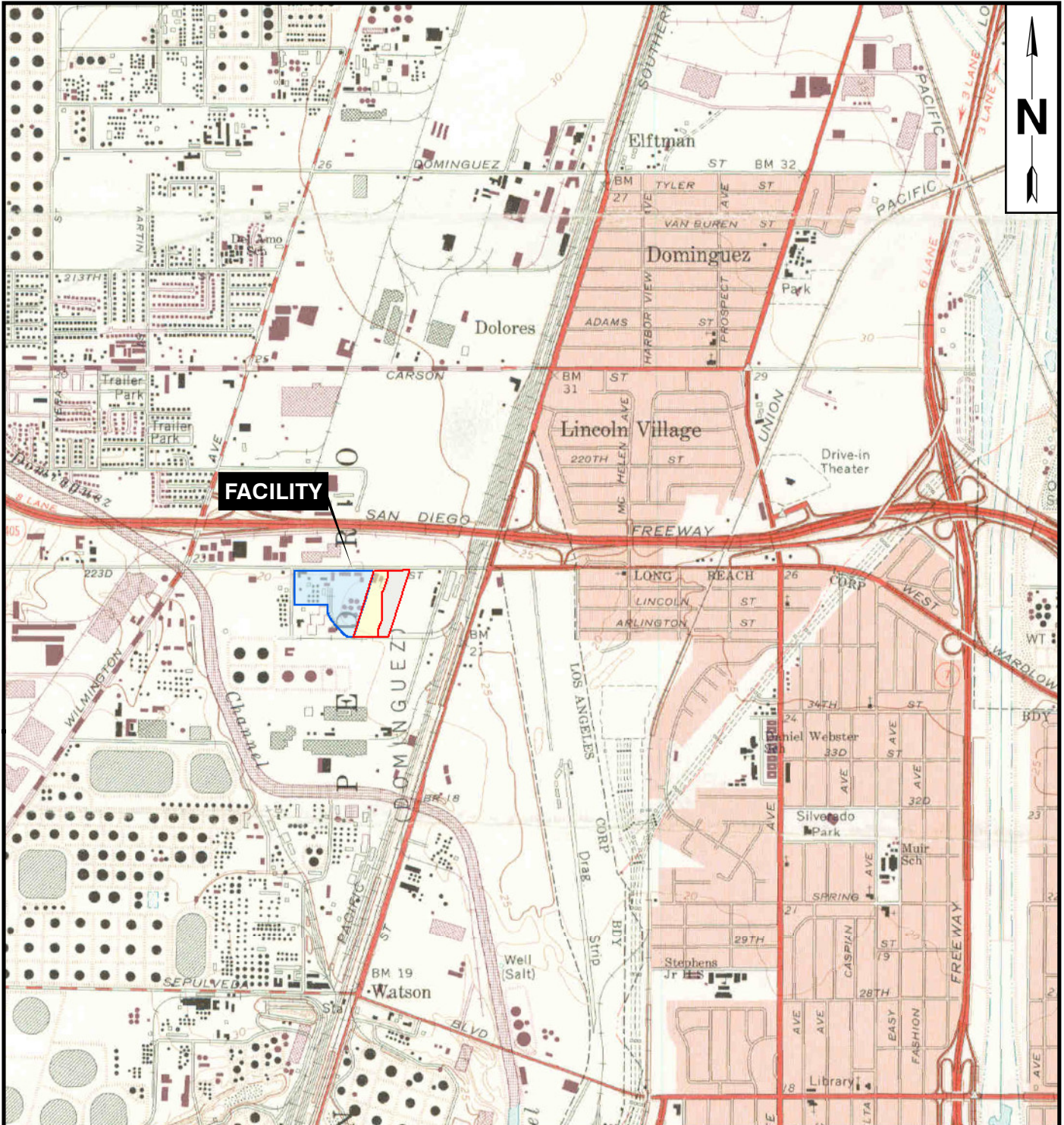


FIGURE F-8

**1972 TOPOGRAPHIC MAP**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
1:24,000 U.S.G.S. TOPOGRAPHIC MAP OF  
LONG BEACH, CALIFORNIA  
DATED: 1964  
PHOTOREVISED: 1972

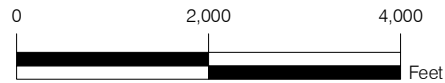
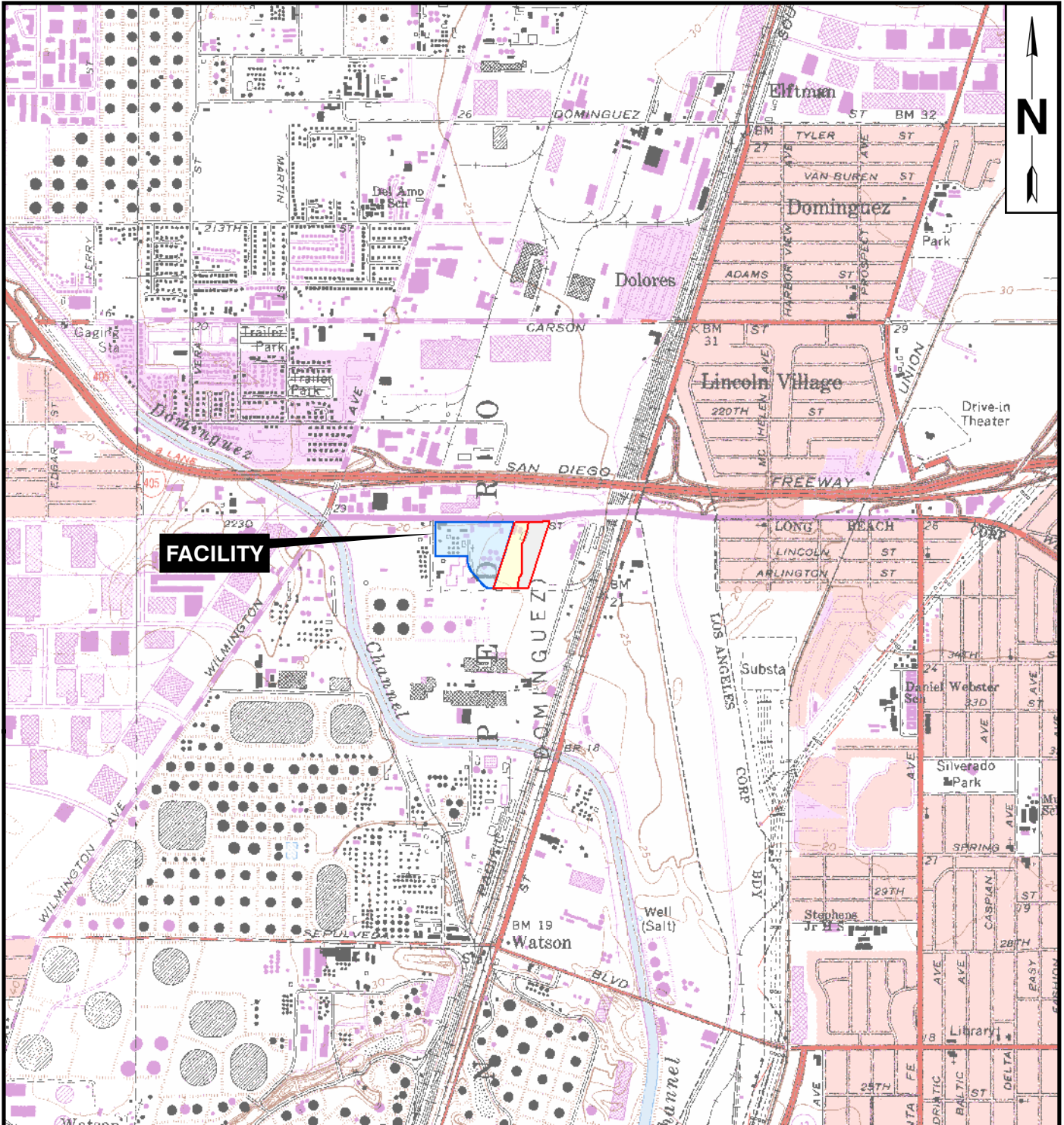


FIGURE F-9

**1981 TOPOGRAPHIC MAP**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

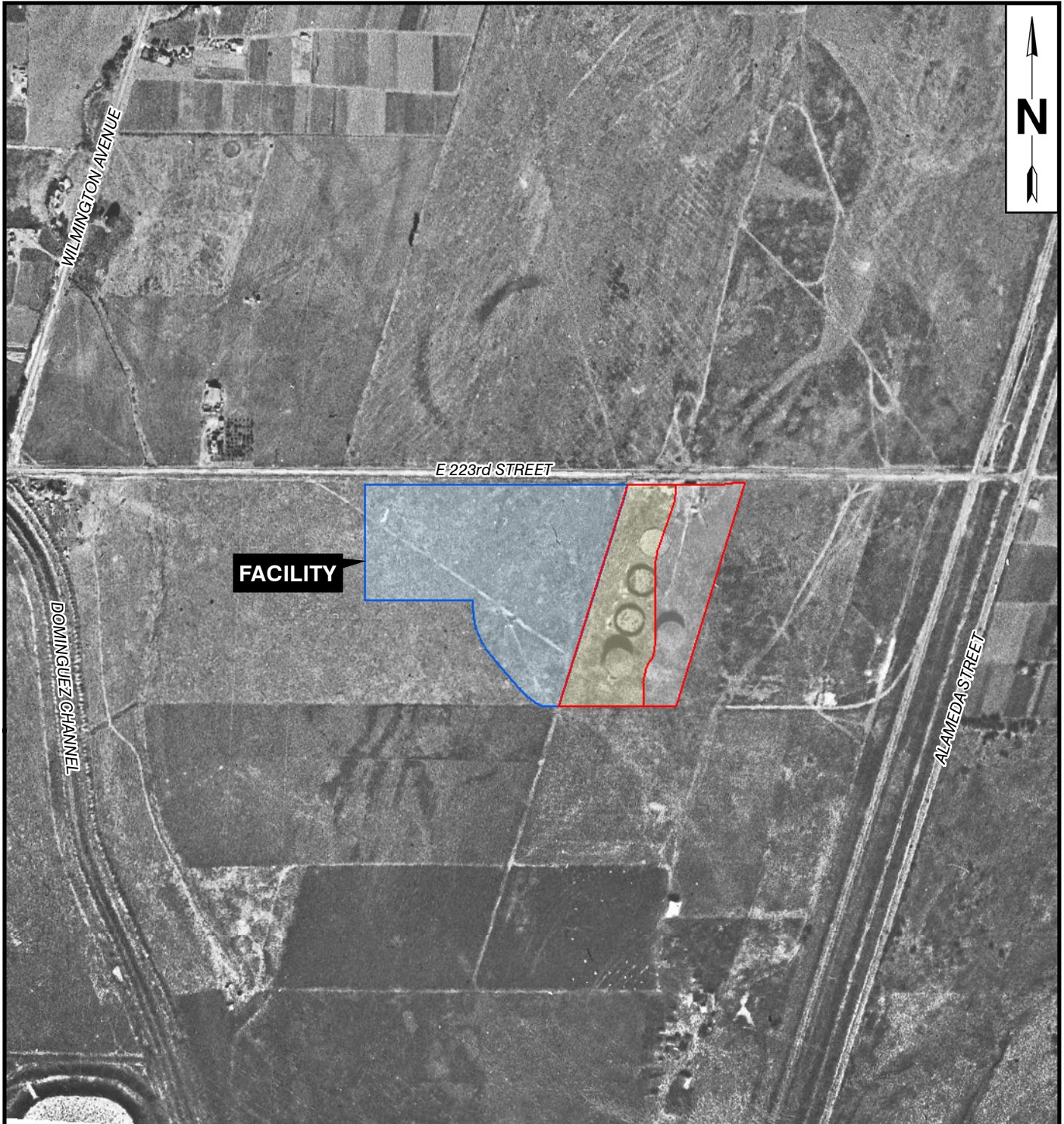
PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
1:24,000 U.S.G.S. TOPOGRAPHIC MAPS OF  
LONG BEACH, AND TORRANCE, CALIFORNIA  
DATED: 1964  
PHOTOREVISED: 1981

# *Appendix G*

## *Historical Aerial Photographs*



**FACILITY**

E 223rd STREET

WILMINGTON AVENUE

DOMINGUEZ CHANNEL

ALAMEDA STREET

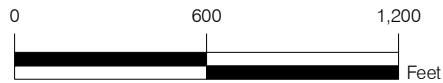


FIGURE G-1

**1927 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
AERIAL PHOTOGRAPH BY FAIRCHILD  
DATED: 1927

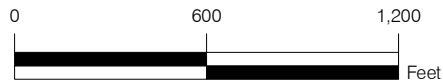
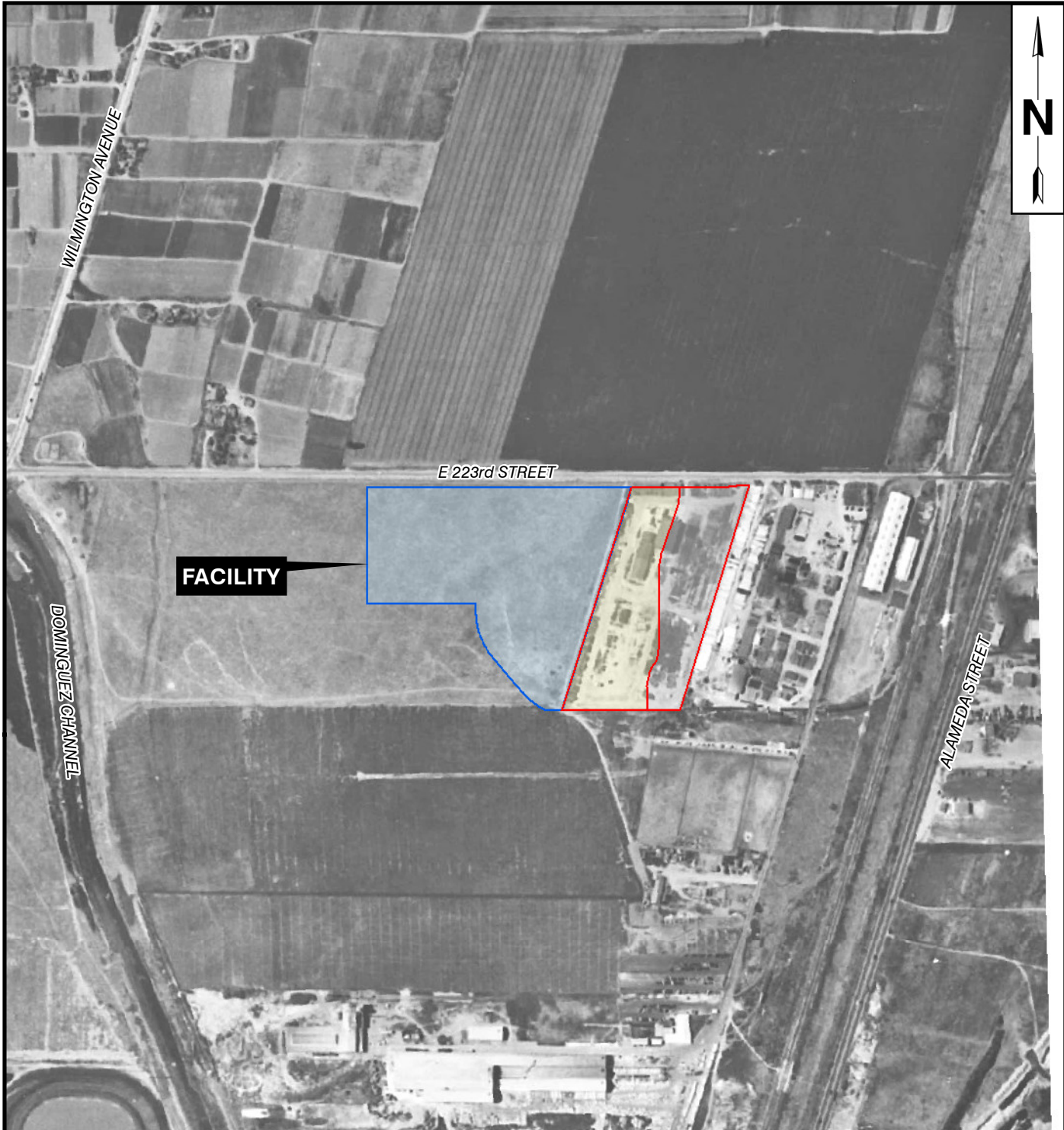


FIGURE G-2

**1947 AERIAL PHOTOGRAPH**

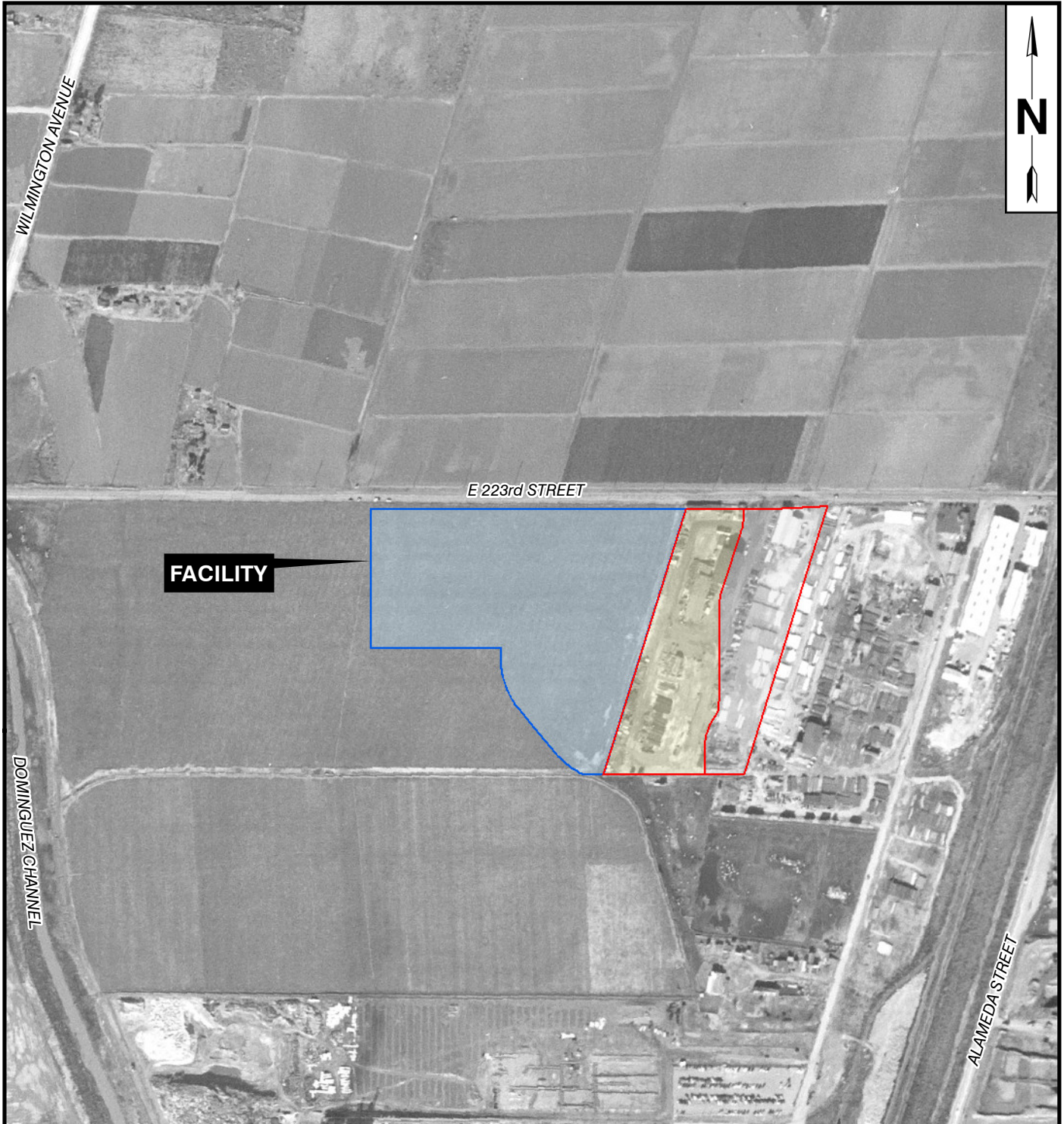
FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
AERIAL PHOTOGRAPH BY FAIRCHILD  
DATED: 1947



**FACILITY**

E 223rd STREET



DOMINGUEZ CHANNEL

ALAMEDA STREET

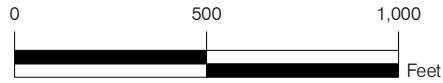


FIGURE G-3

**1952 AERIAL PHOTOGRAPH**

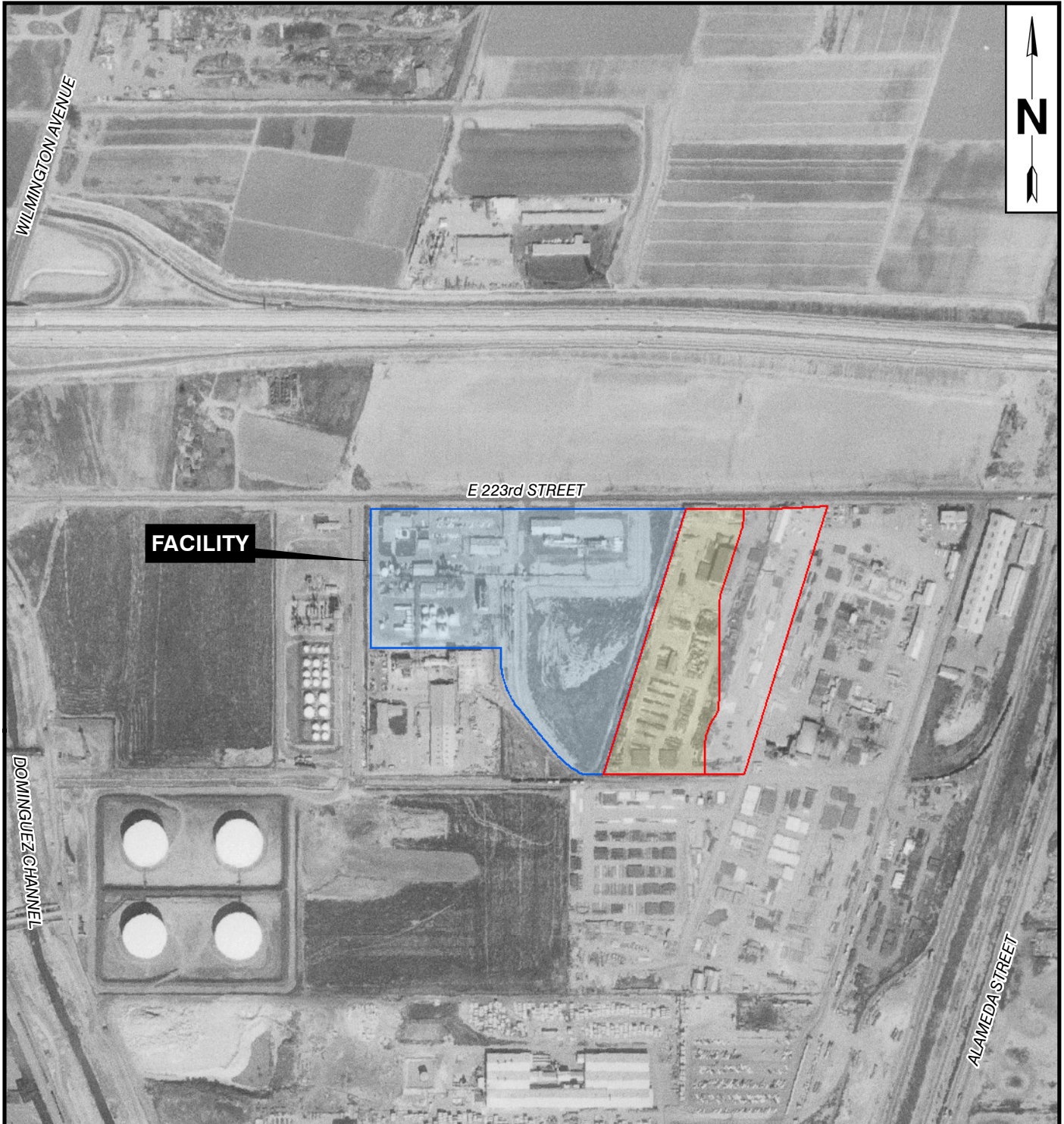
FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
AERIAL PHOTOGRAPH BY EDR  
DATED: 1952



**FACILITY**

E 223rd STREET



**SITE LOCATION**

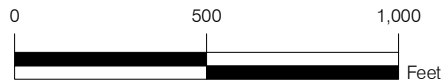


FIGURE G-4

**1963 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
AERIAL PHOTOGRAPH BY EDR  
DATED: 1963



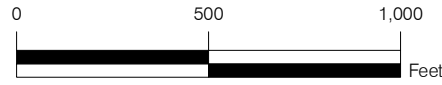
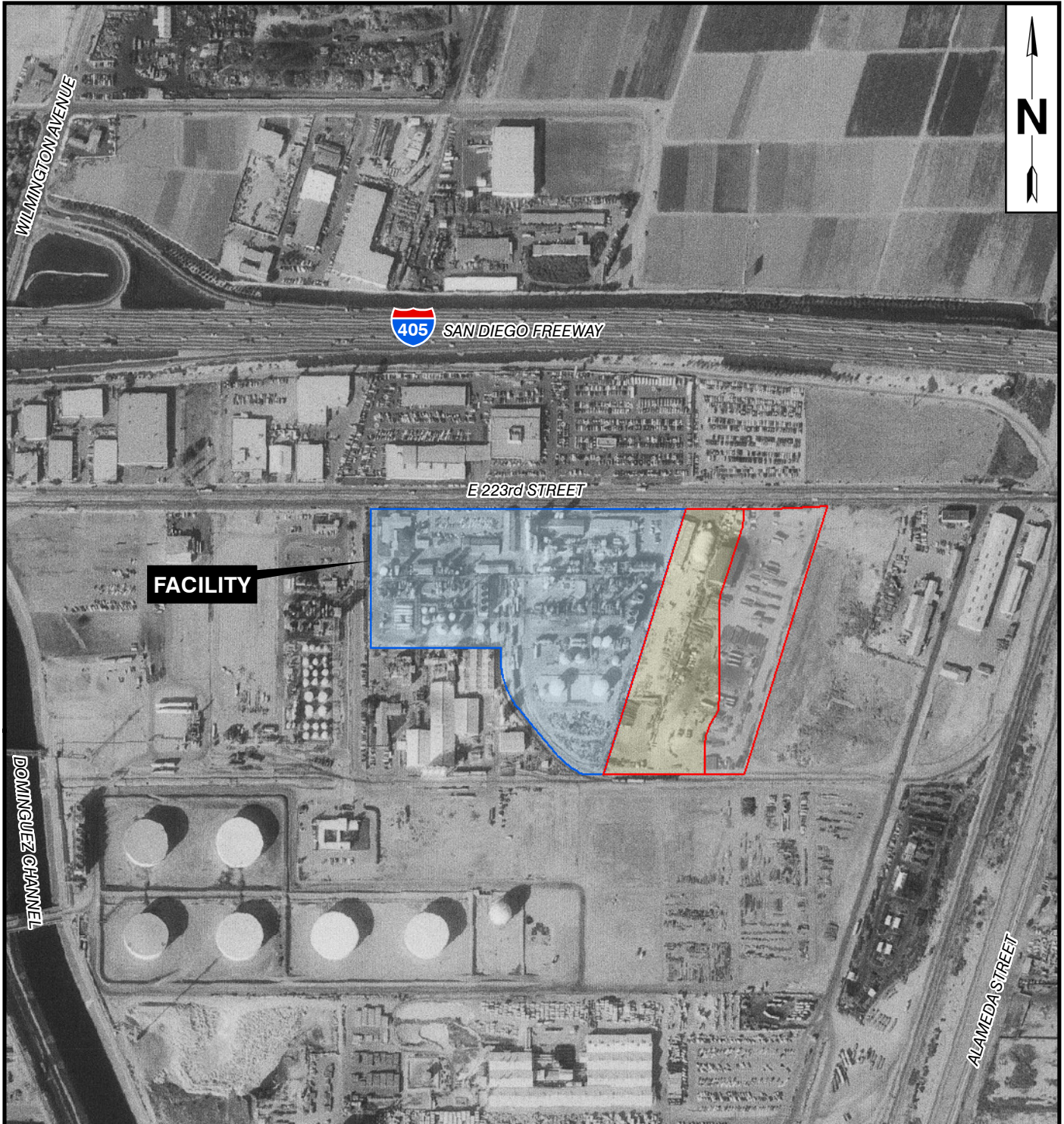


FIGURE G-5

**1972 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
AERIAL PHOTOGRAPH BY EDR  
DATED: 1972

S:\GIS\1362\_Former\_Stauffer\_Chemical\1362.004\_Ph\_1\_ESA\_Update\ArcMapDocuments\015\_1362.004\_1981\_Aerial\_Photograph.mxd(5/20/2019

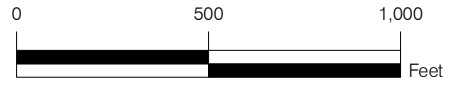
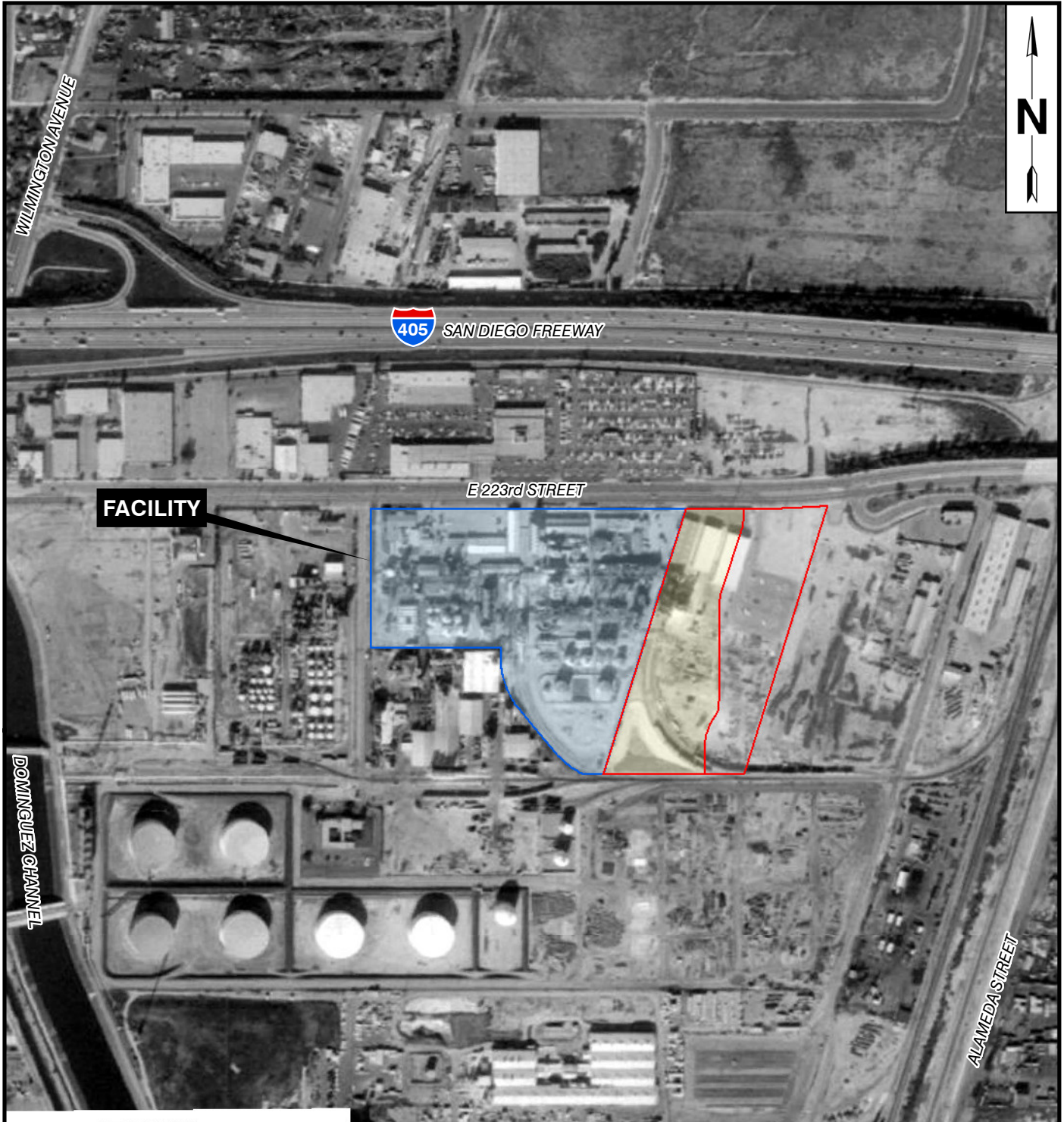


FIGURE G-6

**1981 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO

REFERENCE:  
AERIAL PHOTOGRAPH BY AMI  
DATED: 1981



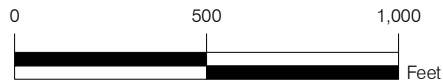
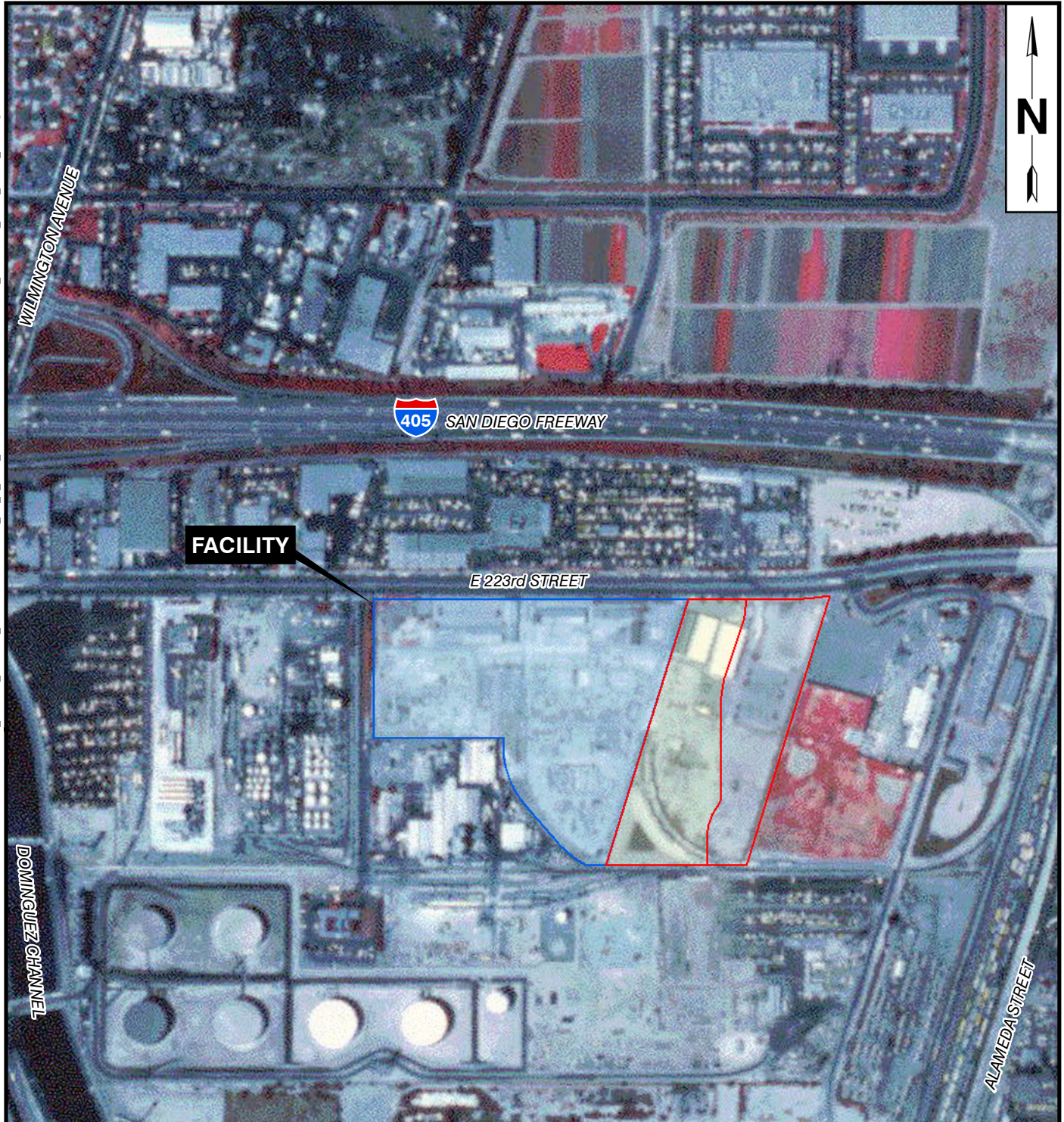


FIGURE G-7

**1989 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
AERIAL PHOTOGRAPH BY USGS  
DATED: 1989

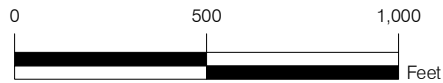
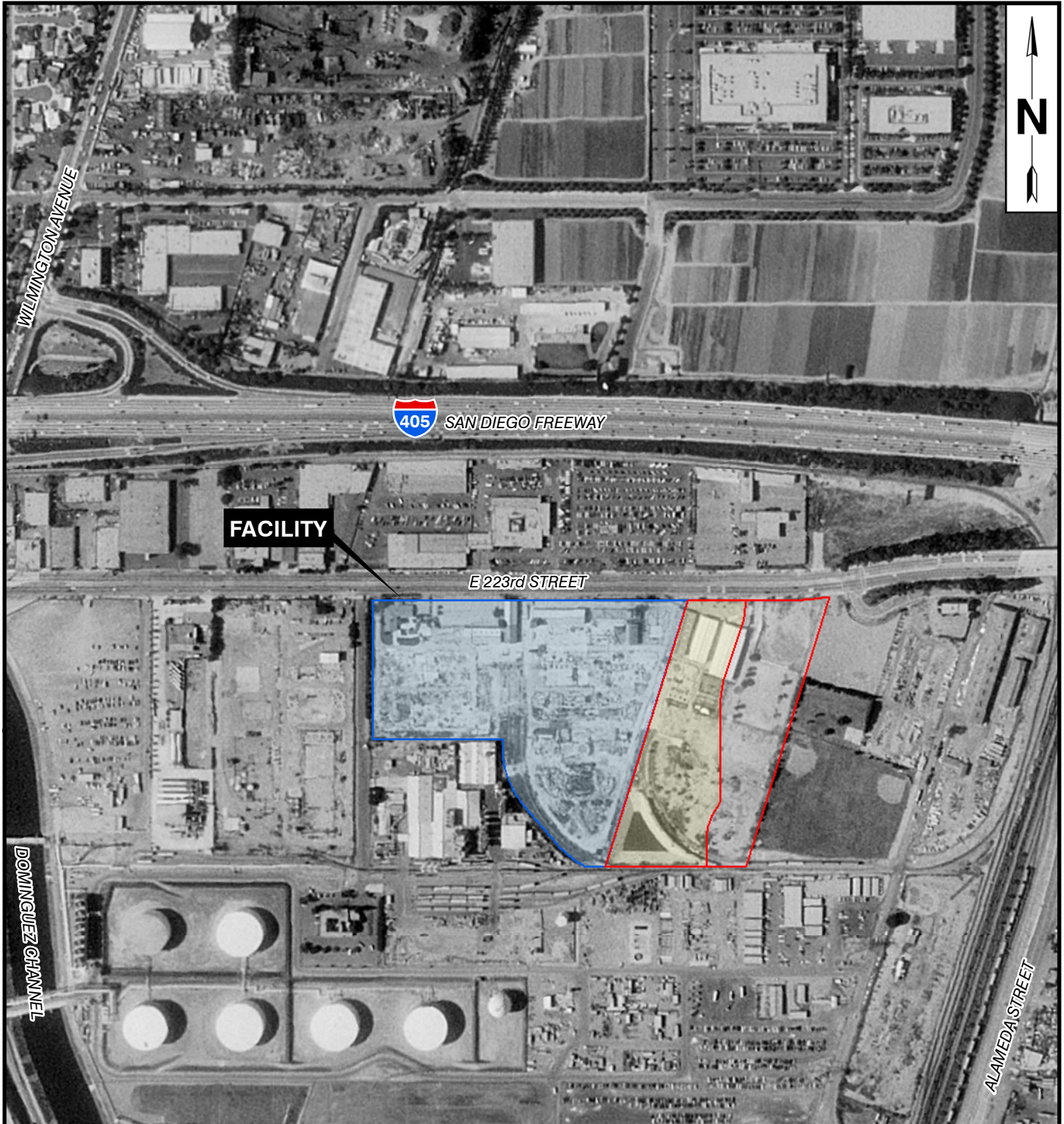


FIGURE G-8

**1994 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
AERIAL PHOTOGRAPH BY USGS  
DATED: 1994



**FACILITY**

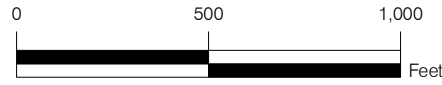
**405 SAN DIEGO FREEWAY**

*E 223rd STREET*



*DOMINGUEZ CHANNEL*

*ALAMEDA STREET*



**FIGURE G-9**

**2005 AERIAL PHOTOGRAPH**

**FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA**

PREPARED FOR

**PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO**

REFERENCE:  
AERIAL PHOTOGRAPH BY EDR  
DATED: 2005





**FACILITY**

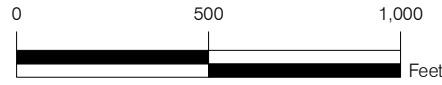
**405 SAN DIEGO FREEWAY**

**E 223rd STREET**



**DOMINGUEZ CHANNEL**

**ALAMEDA STREET**



**FIGURE G-10**

**2006 AERIAL PHOTOGRAPH**

**FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA**

PREPARED FOR

**PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO**



REFERENCE:  
AERIAL PHOTOGRAPH BY URBAN IMAGES  
DATED: 12/11/2006



**FACILITY**

**405 SAN DIEGO FREEWAY**

E 223rd STREET



DOMINGUEZ CHANNEL

ALAMEDA STREET

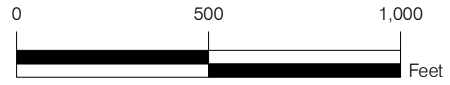


FIGURE G-11

**2009 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO

REFERENCE:  
AERIAL PHOTOGRAPH BY EDR  
DATED: 2009



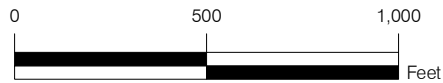


FIGURE G-12

**2010 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
AERIAL PHOTOGRAPH BY EDR  
DATED: 2010



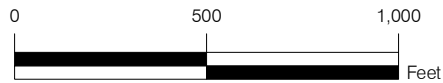


FIGURE G-13

**2012 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
AERIAL PHOTOGRAPH BY EDR  
DATED: 2012



**FACILITY**

**405** SAN DIEGO FREEWAY

E 223rd STREET

**N**



**SITE LOCATION**

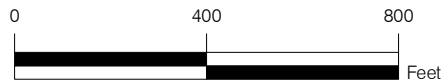


FIGURE G-14

**2013 AERIAL PHOTOGRAPH**

FORMER STAUFFER FACILITY  
CARSON, CALIFORNIA

PREPARED FOR

PANATTONI DEVELOPMENT COMPANY, INC.  
DENVER, COLORADO



REFERENCE:  
GOOGLE MAPS, 2013

# *Appendix H*

*Certified Sanborn<sup>®</sup> Map Report*



**Former Stauffer Chemical and Adjacent**

2112 and 2245 East 223rd Street  
Carson, CA 90745

Inquiry Number: 3786732.3

November 15, 2013

## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

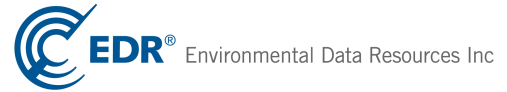
11/15/13

**Site Name:**

Former Stauffer Chemical and  
2112 and 2245 East 223rd  
Carson, CA 90745

**Client Name:**

Avocet Environmental, Inc.  
16 Technology Drive  
Irvine, CA 92618



EDR Inquiry # 3786732.3

Contact: Philip Miller

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Avocet Environmental, Inc. were identified for the years listed below. 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 Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** Former Stauffer Chemical and Adjacent  
**Address:** 2112 and 2245 East 223rd Street  
**City, State, Zip:** Carson, CA 90745  
**Cross Street:**  
**P.O. #** 1362.001  
**Project:** Panattoni, Stauffer, Carson  
**Certification #** DC3F-4F98-B7D2



Sanborn® Library search results  
Certification # DC3F-4F98-B7D2

## UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

*The Sanborn Library LLC Since 1866™*

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# *Appendix I*

*The EDR-City Directory Abstract*

**Former Stauffer Chemical and Adjacent**

2112 and 2245 East 223rd Street  
Carson, CA 90745

Inquiry Number: 3786732.6  
November 18, 2013

# The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

*Thank you for your business.*

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. 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.

### 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>
2013	Cole Information Services	X	X	X	-
2008	Cole Information Services	-	X	X	-
2006	Haines Company, Inc.	-	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines	-	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1981	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1980	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1969	Pacific Telephone	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	X	X	-
1965	Pacific Telephone	-	-	-	-
1964	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1956	R. L. Polk & Co.	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	R. L. Polk & Co.	-	-	-	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Los Angeles Directory Co.	-	-	-	-
1946	Los Angeles Directory Co.	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
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	TRIBUNE-NEWS PUBLISHING CO.	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
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.	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1920	Los Angeles Directory Co.	-	-	-	-

## EXECUTIVE SUMMARY

### MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.



### SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
2112 and 2245 East 223rd Street	Map ID: 1	
2104 E 223RD ST	Map ID: 2	X
2245 E 223rd ST	Client Entered	

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

2112 and 2245 East 223rd Street  
Carson, CA 90745

### FINDINGS DETAIL

Target Property research detail.

#### 2112 and 2245 East 223rd Street

2112 and 2245 East 223rd Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

#### 223RD ST E

2112 223RD ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Plastics Div	Pacific Telephone
	STAUFFER CHEMICAL COMPANY Divisions	Pacific Telephone
1957	CARLYLE PAUL E	Pacific Telephone

#### E 223RD

2112 E 223RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	STAUFFER CHEMICAL COMPANY	Pacific Telephone
1971	American Chemical Corp	Pacific Telephone
1962	American Chemical Corp	Pacific Telephone

#### E 223RD ST

2112 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	AE	Cole Information Services
1985	STAUFFER CHEMICAL COMPANY DIVISIONS	Pacific Bell
1970	AMERICAN CHEMICAL CORP	Pacific Telephone
1964	AMERICAN CHEMICAL CORP	Pacific Telephone
1960	AMERICAN CHEMICAL CORP	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	BRAUN C F & CO	Pacific Telephone
	GOODRICH B F CHEMICAL CO	Pacific Telephone

### E 223rd ST

2245 E 223rd ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

## FINDINGS

### ADJOINING PROPERTY DETAIL

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

#### 223RD E

##### 1000 223RD E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	AMERICAN INSULATED WIRE CO	Pacific Bell

##### 1050 223RD E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	PACIFIC ELECTRICORD COMPANY	Pacific Bell
1990	PACIFIC ELECTRICORD COMPANY	Pacific Bell

##### 2201 223RD E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ENTERPRISE RENT CAR	Haines
	CORMIER CHEV	Haines

##### 2203 223RD E

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

##### 2223 223RD E

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

##### 2233 223RD E

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

##### 2254 223RD E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SWAN Donna	Haines

##### 2414 223RD E

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

## FINDINGS

### 2418 223RD E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	EQUISTAR CHEMICALS LP	Haines
	VENTURA TRANSFER CO	Haines
	VELSICOL CHEMICAL CORP	Haines

### 2420 223RD E

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

### 2422 223RD E

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

### 2424 223RD E

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

### 223RD ST

#### 2119 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	GULLICKSON DALE	Pacific Telephone

#### 2140 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	TARDO ANTHONY F	Pacific Telephone
	SWAFFORD KENNETH R	Pacific Telephone
	ERATH GERALD W	Pacific Telephone

#### 2144 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	CRESSEY DONALD J	Pacific Telephone

#### 2145 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	STEIGH E B	Pacific Telephone

#### 2154 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	ANDREWS MELVIN	Pacific Telephone



## FINDINGS

### E 223RD

#### 1000 E 223RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	American Insulated Wire Co	Pacific Bell

#### 1050 E 223RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Pacific Electricord Company	Pacific Bell

#### 2100 E 223RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WITCO CHEMICAL CORP WITFIELD DIV CARSON	Pacific Telephone

#### 2104 E 223RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	GOODRICH B F CO THE CHEMICAL DISTRICT SALES OFFICE	Pacific Bell
1980	GOODRICH B F CO THE CHEMICAL DIVISION	Pacific Telephone
1975	Plant	Pacific Telephone
1971	GOODRICH B F CO Chemical Division Plant Plant	Pacific Telephone Pacific Telephone Pacific Telephone
	GOODRICH B F CO Chemical Division	Pacific Telephone
1966	GOODRICH B F CO THE CHEMICAL DIVISION	Pacific Telephone
1962	Goodrich B F Chemical Co	Pacific Telephone

#### 2201 E 223RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	CORMIER CHEVROLET CO LONG BEACH	Pacific Bell

### E 223RD ST

#### 1013 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	FASSBINDER FLOYD E	R. L. Polk & Co.

## FINDINGS

### 1029 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	ROSEMONT ROBT TORRANCE	Pacific Telephone
	ROSEMONT GLELLINE TORRANCE	Pacific Telephone

### 2104 E 223RD ST

Map ID: 2

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GEONCOTHE	Haines Company, Inc.
2000	XXXX	Haines
1991	Goodrich B F Co The Chemical Manufacturing Plant	Pacific Bell
1985	GOORCH B F CO THE	Pacific Bell
	GOODDRICH B F CO THE CHEMICAL DISTRICT SALES OFFICE	Pacific Bell
1980	Chemical Manufacturing Plant	Pacific Telephone
	GOODRICH B F CO THE	Pacific Telephone
	GOODRICH B F CO THE CHEMICAL DIVISION	Pacific Telephone
	GOODRICH B F CO THE	Pacific Telephone
1975	Chemical Division	Pacific Telephone
	Plant	Pacific Telephone
	GOODRICH B F CHEMICAL CO	Pacific Telephone
	GOODRICH B F CO THE CHEMICAL DIVISION	Pacific Telephone
1971	GOODRICH B F CO Chemical Division	Pacific Telephone
	Plant	Pacific Telephone
	GOODRICH B F CO Chemical Division	Pacific Telephone
	Plant	Pacific Telephone
1970	GOODRICH B F CO THE CHEMICAL DIVISION PLANT	Pacific Telephone
1967	GOODRICH B F CO THE Aerospace & Defense Products	Pacific Telephone
	Chemical Division Plant	Pacific Telephone
	GOODRICH B F CO THE Aerospace & Defense Products	Pacific Telephone
	Chemical Division Plant	Pacific Telephone
1966	GOODRICH B F CO THE CHEMICAL DIVISION	Pacific Telephone
1964	GOODRICH B F CO THE	Pacific Telephone
	SIGNAL HILL ELECTRIC	Pacific Telephone
1962	Goodrich B F Chemical Co	Pacific Telephone

## FINDINGS

### 2201 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	WIN	Cole Information Services
	ENTERPRISE RENTACAR	Cole Information Services
2008	CORMIER CHEVROLET HYUNDAI	Cole Information Services
	ENTERPRISE RENT A CAR CARSON WILMIN	Cole Information Services
	CORMIER PETERSON & LEWIS AUTOMOTIVE	Cole Information Services
	RIVALDO INSURANCE SERVICES	Cole Information Services
2006	SERVICES	Haines Company, Inc.
	INSURANCE	Haines Company, Inc.
	A CAR RIVALDO	Haines Company, Inc.
	CHEVROLET CO ENTERPRISE RENT	Haines Company, Inc.
	CORMIER	Haines Company, Inc.
1991	CORMIER CHEVROLET CO	Pacific Bell
1985	TELEVIDICS	Pacific Bell
	L & J ENTERPRISES	Pacific Bell
	CORMIER CHEVROLET CO	Pacific Bell
1980	CORMIER CHEVROLET CO	Pacific Telephone
1975	CORMIER CHEVROLET CO	Pacific Telephone
	CORMIER CHEVROLET CO	Pacific Telephone
	CORMIER CHEVROLET	Pacific Telephone
1970	CORMIER CHEVROLET CO	Pacific Telephone
	CORMIER CHEVROLET CO	Pacific Telephone
1967	CORMIER CHEVROLET CO	Pacific Telephone

### 2223 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	CORMIER LEASING CO	Pacific Bell

### 2233 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	CRUISE AMERICA	Cole Information Services
2008	CRUISE AMERICA MTRHM RENTAL & SALES	Cole Information Services
2006	MTRHME RNTL&SLS	Haines Company, Inc.
	CRUISEAMERICA	Haines Company, Inc.

## FINDINGS

### 2254 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	APACHE FREIGHT LINES INC	Pacific Telephone
	APACHE FREIGHT LINES INC	Pacific Telephone

### 2414 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	PIPE LININGS	Pacific Telephone

### 2418 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	EQUISTAR	Haines Company, Inc.
	CHEMICALS LP VENTURATRANS	Haines Company, Inc.
	CO ORR TANK LNS	Haines Company, Inc.

### 2420 E 223RD ST

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

### 2422 E 223RD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BABCOCK	Haines Company, Inc.
	CONSTRUCTION	Haines Company, Inc.
	WILCOX	Haines Company, Inc.

## FINDINGS

### TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

#### Address Researched

2112 and 2245 East 223rd Street

#### Address Not Identified in Research Source

2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1980, 1975, 1972, 1969, 1967, 1966, 1965, 1963, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

#### Address Researched

1000 223RD E

#### Address Not Identified in Research Source

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1000 E 223RD

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1013 E 223RD ST

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1029 E 223RD ST

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1050 223RD E

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1050 E 223RD

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

2100 E 223RD

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

2104 E 223RD

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1970, 1969, 1967, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920





## FINDINGS

### Address Researched

2422 223RD E

2422 E 223RD ST

2424 223RD E

### Address Not Identified in Research Source

2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920



# *Appendix J*

## *Site Photographs*



J-1. Looking to northwest in northwest corner of site over concrete foundation pads with groundwater monitoring wells in middle-distance left (11/18/2013).



J-2. Looking to southwest in northwest corner of site over former Solutia site with ARCO storage tanks in background (11/18/2013).



J-3. Looking east from northwest corner of site with groundwater monitoring wells at left and ARCO polypropylene building in background (11/18/2013).



J-4. Sewer connection with PolyOne facility in background right and ARCO polypropylene building in background left (11/18/2013).



J-5. Groundwater amendment building, part of ongoing EISB effort, in southwest corner of site (11/18/2013).



J-6. Looking west at EISB injection and monitoring wells in southeast corner of site with PolyOne facility in background (11/18/2013).

# *Appendix K*

*The EDR Radius Map Report™ with GeoCheck®*

**Former Stauffer Chemical Company**

2112 E 223rd Street

Carson, CA 90745

Inquiry Number: 5814018.2s

October 03, 2019

# The EDR Radius Map™ Report with GeoCheck®



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

# 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 .....	944
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-8
Physical Setting Source Map Findings .....	A-9
Physical Setting Source Records Searched .....	PSGR-1

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

2112 E 223RD STREET  
CARSON, CA 90745

#### COORDINATES

Latitude (North): 33.8233330 - 33° 49' 23.99"  
Longitude (West): 118.2356020 - 118° 14' 8.16"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 385653.2  
UTM Y (Meters): 3743060.2  
Elevation: 23 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5652670 LONG BEACH, CA  
Version Date: 2012  
  
West Map: 5633779 TORRANCE, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140513  
Source: USDA



MAPPED SITES SUMMARY

Target Property Address:  
2112 E 223RD STREET  
CARSON, CA 90745

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	STAUFFER MANAGEMENT	2112 223RD ST E	CA RGA LUST		TP
A2	STAUFFER MANAGEMENT	2112 E 223RD ST	CA DRYCLEANERS, CA HAZNET, CA CERS		TP
A3	STAUFFER MANAGEMENT	2112 EAST 223RD STRE	FINDS, ECHO		TP
A4	STAUFFER MANAGEMENT	2112 EAST 223RD STRE	CA WDR, CA CIWQS		TP
A5	STAUFFER MANAGEMENT	2112 EAST 223RD STRE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG, CA...		TP
A6	STAUFFER MANAGEMENT	2112 E 223RD ST	CA LOS ANGELES CO. HMS		TP
A7	CITY OF CARSON - ATK	2112 E. 223RD ST	FINDS		TP
A8	STAUFFER CHEMICAL CO	2112 E 223RD ST	CA LOS ANGELES CO. HMS, CA WDS		TP
A9	STAUFFER MANAGEMENT	2112 0223RD ST E	CA RGA LUST		TP
A10	STAUFFER MANAGEMENT	2112 223RD	CA CERS		TP
Reg	MONTRORSE CHEMICAL CO	20201 S NORMANDIE AV	NPL, SEMS, RCRA-LQG, US ENG CONTROLS, US INST...	Same	1182, 0.224, West
B11	STAUFFER MANAGEMENT	2201_E_223RD ST OFF	RCRA-SQG, CA RESPONSE, CA ENVIROSTOR, CA LUST, CA...	Higher	18, 0.003, WNW
C12	CITY OF CARSON - SWA	2254 223RD	CA CPS-SLIC	Higher	34, 0.006, NE
C13	COONS TRUST PROPERTY	2254 E. 223RD STREET	CA ENVIROSTOR, CA CPS-SLIC, CA VCP, CA DEED, CA...	Higher	42, 0.008, NNE
D14	CORMIER CHEVROLET CO	2201 EAST 223 STREET	RCRA-SQG, FINDS, ECHO	Higher	53, 0.010, NNW
B15	BFGOODRICH CHEMICAL	2104 E 223RD STREET	CA HIST UST, CA EMI, CA CERS	Higher	54, 0.010, NW
D16	CORMIER CHEVROLET	2201 E 223RD ST	CA SWEEPS UST, CA LOS ANGELES CO. HMS	Higher	58, 0.011, NNW
D17	CORMIER CHEVROLET	2201 E 223RD ST	CA FID UST	Higher	58, 0.011, NNW
C18	CARSON REDEVELOPMENT	2233 223RD ST E	CA LUST, CA LOS ANGELES CO. HMS, CA CERS	Higher	96, 0.018, NNE
B19	MONSANTO CHEMICAL CO	2100 E 223RD ST	CA ENVIROSTOR, CA CPS-SLIC, CA HIST Cal-Sites, CA...	Higher	112, 0.021, WNW
B20	SOLUTIA INC. CARSON	2100 EAST 223RD STRE	CORRACTS, RCRA-TSDF, RCRA-LQG, CA HWP	Higher	112, 0.021, WNW
21	POLYONE CORP	2104 E 223RD ST	CA CERS HAZ WASTE, CA LOS ANGELES CO. HMS, CA CERS	Higher	215, 0.041, SW
B22	FIRE STATION 127	2049 E 223RD ST	CA CPS-SLIC, CA HIST UST, CA CERS	Higher	229, 0.043, WNW
B23	CITY OF CARSON - LUC	2059 E. 223RD ST	CA CPS-SLIC, CA CERS	Higher	229, 0.043, WNW
E24	CORMIER HYUNDAI	2233 E 223RD ST	RCRA-SQG, CA SWEEPS UST, FINDS, ECHO, CA LOS...	Higher	229, 0.043, ENE
F25	PRAXAIR DISTRIBUTION	2006 E 223RD ST # A	CA UST	Higher	241, 0.046, WNW
G26	MONSANTO CHEMICAL CO	2100 EAST 223RD STRE	CA RESPONSE, CA ENVIROSTOR, CA Cortese, CA HIST...	Higher	267, 0.051, West
D27	CORMIER CHEVROLET	2201 E. 223RD ST	CA CPS-SLIC, CA CERS	Higher	278, 0.053, NNW
D28	WIN CHEVROLET HYUNDA	2201 E. 223RD STREET	CA AST	Higher	283, 0.054, North
D29	CORMIER CHEVROLET	2201 E 223RD ST	CA CERS HAZ WASTE, CA SWEEPS UST, CA HIST UST, CA...	Higher	283, 0.054, North
D30	CALIBER COLLISION CE	2201 E 223RD ST	CA AST	Higher	283, 0.054, North
D31	CORMIER CHEVROLET	2201 E. 223 ST	RCRA-SQG, CA LUST, CA CPS-SLIC, CA HIST CORTESE,...	Higher	289, 0.055, North
G32	SOLUTIA INC	2100 E 223RD ST	CA CERS HAZ WASTE, CA CERS	Higher	291, 0.055, West
G33	MONSATO CARSON PLANT	2100 223RD	CA CPS-SLIC	Higher	326, 0.062, West
E34	CARSON REDEVELOPMENT	2233 223RD	CA HIST CORTESE	Higher	332, 0.063, NE
E35	CRUISE AMERICA	2233 E 223RD ST	CA CERS HAZ WASTE, CA HAZNET, CA CERS	Higher	349, 0.066, NE
F36	MARKSTEIN PROPERTY F	2055 223RD ST E	CA LUST, CA ENF, CA CERS	Higher	364, 0.069, WNW
F37	HERRON OPTICAL PRODU	2035 E 223 STREET	RCRA-SQG, FINDS, ECHO	Higher	364, 0.069, WNW
F38	MARKSTEIN DISTRIBUTO	2055 E 223RD ST	CA CERS HAZ WASTE, CA HAZNET, CA CERS	Higher	381, 0.072, WNW

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F39	MARKSTEIN PROPERTY F	2055 223RD	CA HIST CORTESE	Higher	493, 0.093, WNW
F40	LA CO FD FIRE STA #1	2049 E 223RD ST	CA CERS HAZ WASTE, CA SWEEPS UST, CA LOS ANGELES.	Higher	530, 0.100, WNW
F41	FIRE STATION #127	2049 223RD ST	CA LUST, CA HIST CORTESE, CA CERS	Higher	530, 0.100, WNW
F42	CITY OF CARSON - LA	2049 223RD	CA CPS-SLIC	Higher	530, 0.100, WNW
H43	ARCO POLYPROPYLENE L	2384 E 223RD ST	CA CPS-SLIC, CA CHMIRS, CA LOS ANGELES CO. HMS, CA..	Higher	571, 0.108, ENE
H44	CITY OF CARSON - ARC	2384 223RD	CA CPS-SLIC	Higher	608, 0.115, ENE
H45	INEOS POLYPROPYLENE	2384 E 223RD ST	CA CERS HAZ WASTE, CA EMI, CA CERS	Higher	608, 0.115, ENE
I46	CITY OF CARSON - L &	2035 223RD	CA CPS-SLIC	Higher	621, 0.118, WNW
I47	PRAXAIR, INC. - 578	2006 E 223RD ST	CA CERS HAZ WASTE, CA SWEEPS UST, CA CERS TANKS,..	Higher	630, 0.119, West
I48	CITY OF CARSON - ARC	2006 223RD	CA CPS-SLIC, CA NPDES, CA CIWQS, CA CERS	Higher	636, 0.120, WNW
J49	PRAXAIR, INC. - 578	2006 E 223RD ST	CA AST	Higher	651, 0.123, West
J50	LIQUID CARBONIC	2006 E 223RD ST	CA CERS HAZ WASTE, CA HIST UST, CA CERS	Higher	652, 0.123, West
K51	CORMIER CHEVROLET	2201 E 223RD ST	CA UST	Higher	684, 0.130, NNE
I52	CERTIFIED COATING AT	2000 E 223RD ST GATE	RCRA-SQG, FINDS, ECHO	Higher	728, 0.138, WNW
I53	LIQUID CARBONIC	2006 E 223	CA SWEEPS UST, CA HIST UST, CA FID UST	Higher	792, 0.150, WNW
H54	MANVILLE PLANT SITE	2400 E. 223RD STREET	CA WMUDS/SWAT	Higher	828, 0.157, ENE
K55	EDOCO	22039 WESTWARD	CA HIST CORTESE	Higher	873, 0.165, NNE
K56	EDOCO TECHNICAL PROD	22039 S WESTWARD AVE	CA SWEEPS UST, CA HIST UST	Higher	873, 0.165, NNE
K57	EDOCO TECHNICAL PROD	22039 SO WESTWARD AV	CA HIST UST, CA EMI, LA Co. Site Mitigation, CA...	Higher	873, 0.165, NNE
K58	EDOCO DIVISION, THE	22039 S WESTWARD AVE	CA HIST UST	Higher	873, 0.165, NNE
K59	EDOCO DIVISION THE B	22039 WESTWARD AVE	CA FID UST	Higher	873, 0.165, NNE
K60	EDOCO	22039 S. WESTWARD AV	RCRA-SQG, CA LUST, CA SWEEPS UST, CA LOS ANGELES..	Higher	873, 0.165, NNE
L61	VENTURA TRANSFER COM	2418 223RD ST. E.	CA LUST	Higher	964, 0.183, ENE
62	VENTURA TRANSFER CO	2418 E 223RD ST	CA UST	Higher	964, 0.183, ESE
M63	FREEWAY ENGINE SALES	1935 E 223RD ST	RCRA-SQG, FINDS, ECHO	Higher	966, 0.183, WNW
M64	RED-D-ARC INC	1945 E 223RD ST	CA CERS HAZ WASTE, CA HAZNET, CA CERS	Higher	973, 0.184, WNW
65	TIMCO	2032 220TH ST E	CA LUST, CA CERS	Higher	977, 0.185, NNW
L66	SPINELLO CONSTRUCTIO	2414 E 223RD ST	CA SWEEPS UST, CA LOS ANGELES CO. HMS	Higher	1025, 0.194, ENE
L67	AMERON PIPE LINING D	2414 E 223RD ST	CA SWEEPS UST, CA HIST UST, CA FID UST	Higher	1025, 0.194, ENE
L68	VENTURA TRANSFER COM	2418 E 223RD STREET	CA CERS HAZ WASTE, CA CERS TANKS, CA HAZNET, CA...	Higher	1071, 0.203, ENE
L69	VENTURA TRANSFER COM	2418 E 223RD ST	CA SWEEPS UST, CA HIST UST, CA CIWQS	Higher	1071, 0.203, ENE
M70	CARSON BODYSHOP	1933 EAST 223RD STRE	RCRA-SQG, CA LUST, FINDS, ECHO	Higher	1071, 0.203, WNW
L71	MANVILLE CORPORATION	2420 EAST 223RD STRE	CA HIST Cal-Sites, CA BOND EXP. PLAN, CA CERS	Higher	1108, 0.210, ENE
L72	MANVILLE PLANT	2420 223RD ST E	CA RESPONSE, CA ENVIROSTOR, CA LUST, CA DEED, CA...	Higher	1108, 0.210, ENE
73	DAYTON SUPERIOR SPEC	22039 SOUTH WESTWARD	CA LUST, CA ENF, CA CIWQS	Higher	1125, 0.213, NNE
L74	L B FOSTER CO	2424 E 223RD ST	CA SWEEPS UST, CA HIST UST	Higher	1163, 0.220, ENE
L75	L B FOSTER CO	2424 E 223RD ST	CA SWEEPS UST, CA FID UST, CA LOS ANGELES CO. HMS	Higher	1163, 0.220, ENE
M76	ENVIRONMENTAL DYNAMI	22222 WILMINGTON AVE	TX Ind. Haz Waste	Higher	1163, 0.220, WNW
M77	TRI WEST DISTRIBUORS	22222 WILMINGTON AVE	CA UST	Higher	1163, 0.220, WNW

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<a href="#">M78</a>	CARSON CHEVRON	22222 WILMINGTON AVE	RCRA NonGen / NLR	Higher	1163, 0.220, WNW
<a href="#">L79</a>	JOHNS MANVILLE PLT	2430 E 223RD	SEMS-ARCHIVE, RCRA-SQG	Higher	1246, 0.236, ENE
<a href="#">N80</a>	CARSON VENTURES, LLC	1933 223RD ST E.	CA LUST, CA CERS	Higher	1257, 0.238, WNW
<a href="#">O81</a>	NIKLOR_CHEMICAL_CO_I	2060 220TH ST. E.	CA LUST, CA CERS	Higher	1269, 0.240, NNW
<a href="#">N82</a>	TEXACO #61-106-0186	22232 WILMINGTON	CA LUST, CA HIST CORTESE	Higher	1291, 0.245, WNW
<a href="#">N83</a>	TEXACO #61-106-0186	22232 WILMINGTON AVE	CA LUST, CA CHMIRS, CA Cortese, CA ENF, CA HAZNET,...	Higher	1291, 0.245, WNW
<a href="#">N84</a>	TESORO SHELL 68517	22232 WILMINGTON AVE	RCRA NonGen / NLR	Higher	1291, 0.245, WNW
<a href="#">N85</a>	TEXACO/EQUILON #61-1	22232 WILMINGTON AVE	CA UST	Higher	1291, 0.245, WNW
<a href="#">N86</a>	TEXACO	22232 WILMINGTON AVE	CA HIST UST	Higher	1291, 0.245, WNW
<a href="#">P87</a>	WATSON LAND CO	2116 220TH	CA HIST CORTESE	Higher	1304, 0.247, North
<a href="#">P88</a>	LIDO VAN & STORAGE	2116 E 220TH ST	CA SWEEPS UST, CA HIST UST, CA FID UST, CA CERS	Higher	1304, 0.247, North
<a href="#">P89</a>	LIDO VAN AND STORAGE	2116 E 220TH ST	CA HIST UST	Higher	1304, 0.247, North
<a href="#">P90</a>	LIDO VAN & STORAGE	2116 E 220TH ST	CA HIST UST	Higher	1304, 0.247, North
<a href="#">O91</a>	NIKLOR CHEMICAL COMP	2060 E. 220TH ST.	CA ENVIROSTOR, CA HIST UST	Higher	1308, 0.248, NNW
<a href="#">O92</a>	NIKLOR CHEMICAL CO.,	2060 E 220TH STREET	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen /..Higher	Higher	1308, 0.248, NNW
<a href="#">O93</a>	NIKLOR CHEMICAL CO I	2060 E 220TH ST	CA UST	Higher	1308, 0.248, NNW
<a href="#">O94</a>	NIKLOR CHEMICAL CO I	2060 E 220TH ST	CA SWEEPS UST, FTTS, HIST FTTS, CA LOS ANGELES CO...Higher	Higher	1308, 0.248, NNW
<a href="#">O95</a>	NIKLOR CHEMICAL CO I	2060 E 220TH ST	CA ENVIROSTOR	Higher	1308, 0.248, NNW
<a href="#">Q96</a>	CCL TUBE INC	2250 E 220TH ST	RCRA NonGen / NLR	Higher	1310, 0.248, NNE
<a href="#">Q97</a>	CCL TUBE	2250 E 220TH ST	CA CERS HAZ WASTE, CA LOS ANGELES CO. HMS, CA...	Higher	1310, 0.248, NNE
<a href="#">O98</a>	STANDARD METALS	2032 E 220TH ST	CA AST	Higher	1315, 0.249, NNW
<a href="#">O99</a>	TORRANCE IRON AND ME	2032 E 220TH ST	CA SWEEPS UST, CA HIST UST	Higher	1315, 0.249, NNW
<a href="#">O100</a>	TIMCO	2032 E 220TH ST	CA CERS HAZ WASTE, CA SWEEPS UST, CA FID UST, CA...	Higher	1315, 0.249, NNW
<a href="#">R101</a>	TIMCO	2020 E 220TH ST	CA HIST UST, CA HIST CORTESE, CA WDS	Higher	1342, 0.254, NNW
<a href="#">O102</a>	WATSON LAND CO	2116 220TH ST E	CA LUST, CA CERS	Higher	1367, 0.259, NNW
<a href="#">S103</a>	JOHNS-MANVILLE CARSO	22401 SOUTH ALAMEDA	CA SWF/LF, CA WMUDS/SWAT	Higher	1447, 0.274, East
<a href="#">N104</a>	223RD ST./DOMINGUEZ		CA Notify 65	Lower	1481, 0.280, West
<a href="#">R105</a>	CLEAN STEEL INC.	2061 EAST 220TH STRE	CA LUST, CA CHMIRS, CA CERS	Higher	1507, 0.285, NNW
<a href="#">R106</a>	CLEAN STEEL INC.	2061 E. 220TH STREET	CA ENVIROSTOR	Higher	1507, 0.285, NNW
<a href="#">S107</a>	HARDWICK DISPOSAL PI	22400 SOUTH ALAMEDA	CA WMUDS/SWAT, CA LDS, CA CERS	Higher	1508, 0.286, East
<a href="#">T108</a>	MATLACK INC	22422 ALAMEDA	CA HIST CORTESE	Higher	1514, 0.287, ESE
<a href="#">T109</a>	COMMERCIAL CARRIERS	22440 ALAMEDA ST S	CA LUST, CA SWEEPS UST, CA FID UST, CA HIST...	Higher	1519, 0.288, ESE
<a href="#">U110</a>	DOMINGUEZ ENERGY REY	22010 WILMINGTON	CA CPS-SLIC	Higher	1534, 0.291, NW
<a href="#">T111</a>	STATE SALVAGE	22500 ALAMEDA ST S	CA LUST, CA HIST CORTESE, CA CERS	Higher	1536, 0.291, ESE
<a href="#">112</a>	ACTA SOUTH - PARCEL	S ALAMEDA ST	CA CPS-SLIC, CA CHMIRS, CA CERS	Higher	1551, 0.294, ENE
<a href="#">U113</a>	WAKUNAGA OF AMER CO	22010 S. WILMINGTON	CA CPS-SLIC, CA EMI, CA CERS	Higher	1558, 0.295, NW
<a href="#">V114</a>	ALAMEDA STREET LANDF	22700 SOUTH ALAMEDA	CA SWF/LF, CA CERS, CA LOS ANGELES CO LF METHANE	Higher	1566, 0.297, SE
<a href="#">V115</a>	CASSIDY & CRISMAN-CA	22700 SOUTH ALAMEDA	CA WMUDS/SWAT	Higher	1566, 0.297, SE
<a href="#">V116</a>	ALAMEDA STREET	22700 SOUTH ALAMEDA	CA WMUDS/SWAT	Higher	1566, 0.297, SE

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117	STATE SALVAGE INC	22500 S ALAMEDA ST	CA SWRCY, CA CERS HAZ WASTE, CA HIST UST, CA CERS.	Higher	1582, 0.300, ESE
V118	HARDWICK'S DISPOSAL	22620 S. ALAMEDA ST.	CA SWF/LF, CA CERS	Higher	1595, 0.302, SE
V119	HARDWICK DISPOSAL PI	22620 SOUTH ALAMEDA	CA WMUDS/SWAT, CA LDS, CA CERS	Higher	1595, 0.302, SE
V120	ALLCO RECYCLING INC	22620 ALAMEDA	RCRA-SQG, CA SWF/LF, FINDS, ECHO, CA HAZNET, CA...	Higher	1595, 0.302, SE
121	SHELL #204-1312-0401	22251 WILMINGTON AVE	CA LUST, CA HIST CORTESE, CA CERS	Higher	1609, 0.305, WNW
V122	ALAMEDA ST SAN LDFL	22700 S ALAMEDA ST	SEMS	Higher	1669, 0.316, SE
V123	ALAMEDA ST SAN LDFL	22700 S ALAMEDA ST	CA ENVIROSTOR, CA EMI	Higher	1669, 0.316, SE
S124	MATLACK INC	22422 ALAMEDA BLVD S	CA LUST, CA CERS	Higher	1716, 0.325, East
125	MATLACK, INC.	22422 S. ALAMEDA	CA ENVIROSTOR, CA SWEEPS UST	Higher	1731, 0.328, East
W126	ACTA PARCEL PCH-1552	E. ALAMEDA ST	CA CPS-SLIC, CA CERS	Higher	1738, 0.329, ENE
W127	ACTA PARCEL PCH-1554	E. ALAMEDA ST	CA CPS-SLIC, CA CERS	Higher	1738, 0.329, ENE
W128	ACTA PARCEL PCH-1553	E. ALAMEDA ST.	CA CPS-SLIC, CA CERS	Higher	1738, 0.329, ENE
129	VENTURA TRANSFER COM	2418 EAST 223RD STRE	RCRA-LQG, CA LUST, CA SWEEPS UST, CA HIST UST, CA...	Higher	1807, 0.342, SSE
130	ALPERT & ALPERT IRON	21930 S. WILMINGTON	CA ENVIROSTOR, CA HIST UST	Higher	1894, 0.359, NNW
X131	ARCO #5093	21943 WILMINGTON	CA HIST CORTESE	Higher	1918, 0.363, NW
X132	ARCO #5093	21943 WILMINGTON AVE	CA LUST, CA CHMIRS, CA Cortese, CA CERS	Higher	1918, 0.363, NW
X133	ARCO #5093	21943 WILMINGTON AVE	CA LUST	Higher	1918, 0.363, NW
Y134	LEONARD PROPERTY	22351 WILMINGTON	CA CPS-SLIC	Lower	2127, 0.403, West
Y135	TEXACO FORMER	22351 WILMINGTON AVE	CA LUST, CA ENF, CA HIST CORTESE, CA CERS	Lower	2127, 0.403, West
Y136	GANDM OIL 19	22351 WILMINGTON	CA CPS-SLIC, CA SWEEPS UST, CA HIST UST, CA FID...	Lower	2127, 0.403, West
137	ACTA SOUTH - PARCEL	S. ALAMEDA ST.	CA CPS-SLIC, CA CERS	Lower	2423, 0.459, SSE
138	PACIFIC 9 TRANSPORTA	21900 S. ALAMEDA	CA LUST	Higher	2495, 0.473, NE
Z139	WESTRUX INTERNATIONA	1505 E 223RD ST	RCRA-SQG, CA CPS-SLIC, FINDS, ECHO, CA LOS ANGELES.	Higher	2519, 0.477, WNW
Z140	WESTROX INT	1505 E 223RD ST	CA CPS-SLIC, CA SWEEPS UST, CA LOS ANGELES CO....	Higher	2519, 0.477, WNW
141	TEXACO	232000 S. ALAMEDA	CA Notify 65	Higher	2845, 0.539, SSE
142	COMMONWELATH ALUMINU	2211 E. CARSON ST.	RCRA-SQG, CA ENVIROSTOR, CA SWF/LF, CA LUST, CA...	Higher	2933, 0.555, NNE
AA143	TESORO REFINING & MA	23208 S ALAMEDA ST	CA ENVIROSTOR, CA CHMIRS	Higher	2987, 0.566, SSE
AA144	SULFUR RECOVERY PLAN	23208 S ALAMEDA ST	CA AST, CA CERS HAZ WASTE, CA HIST UST, CA CERS...	Higher	2987, 0.566, SSE
AA145	TESORO REFINING & MA	23208 S. ALAMEDA STR	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG, ICIS,	Higher	2987, 0.566, SSE
146	AIR PRODUCTS & CHEMI	23320 SOUTH ALAMEDA	CA ENVIROSTOR, CA CPS-SLIC, CA HIST CORTESE, CA...	Lower	3659, 0.693, South
AB147	WILMINGTON CLA & HOL		FUDS	Higher	4455, 0.844, SE
AB148	WILMINGTON CLASS & H		CA ENVIROSTOR	Higher	4455, 0.844, SE
AB149	WILMINGTON CLASS&YAR		UXO	Higher	4455, 0.844, SE
150	DEL AMO ELEMENTARY S	21228 WATER STREET	CA ENVIROSTOR, CA SCH, CA CERS	Higher	4461, 0.845, NNW
AC151	CHEMICAL RAINBOW TAN	21119 WILMINGTON AVE	CORRACTS, RCRA-SQG, FINDS, ECHO	Higher	4780, 0.905, North
AC152	RAINBOW LLC	21119 WILMINGTON AVE	CA ENVIROSTOR, CA CERS	Higher	4780, 0.905, North
AC153	CHEMICAL TRANSPORTAT	21119 WILMINGTON AVE	CA ENVIROSTOR, CA SWEEPS UST, CA HIST CORTESE, CA.	Higher	4780, 0.905, North
AD154	BP CARSON REFINERY	1801 SEPULVEDA	CA ENVIROSTOR, CA CHMIRS, CA CIWQS	Higher	5138, 0.973, SSW
AD155	BP WEST COAST PRODUC	1801 E SEPULVEDA BLV	CA ENVIROSTOR	Higher	5138, 0.973, SSW

MAPPED SITES SUMMARY

Target Property Address:  
2112 E 223RD STREET  
CARSON, CA 90745

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">AD156</a>	TESORO CARSON REFINE	1801 E SEPULVEDA BLV	CA ICE, CA HWP	Higher	5138, 0.973, SSW
<a href="#">AD157</a>	TESORO CARSON REFINE	1801 SEPULVEDA BLVD	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG, US...	Higher	5138, 0.973, SSW

## 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
STAUFFER MANAGEMENT 2112 223RD ST E CARSON, CA	CA RGA LUST	N/A
STAUFFER MANAGEMENT 2112 E 223RD ST CARSON, CA 90745	CA DRYCLEANERS Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/19/2019 CA HAZNET GEPAID: CAD076941103 CA CERS	N/A
STAUFFER MANAGEMENT 2112 EAST 223RD STRE CARSON, CA 90745	FINDS Registry ID:: 110000749922 ECHO Registry ID: 110000749922	N/A
STAUFFER MANAGEMENT 2112 EAST 223RD STRE CARSON, CA 90745	CA WDR CA CIWQS	N/A
STAUFFER MANAGEMENT 2112 EAST 223RD STRE CARSON, CA 90745	SEMS-ARCHIVE Site ID: 0901593 EPA Id: CAD076941103 CORRACTS EPA ID:: CAD076941103 RCRA-TSDF EPA ID:: CAD076941103 RCRA-LQG EPA ID:: CAD076941103 CA ENVIROSTOR Facility Id: 80001681 Status: Inactive - Needs Evaluation CA CPS-SLIC Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Open - Inactive Global Id: SLT43298296 CA HIST Cal-Sites CA HIST UST Facility Id: 00000003022 2020 COR ACTION EPA ID:: CAD076941103 CA HWP	CAD076941103

## EXECUTIVE SUMMARY

	EPA Id: CAD076941103 Cleanup Status: UNDERGOING CLOSURE CA CERS	
STAUFFER MANAGEMENT 2112 E 223RD ST CARSON, CA 90745	CA LOS ANGELES CO. HMS Facility ID: 004533-I04706	N/A
CITY OF CARSON - ATK 2112 E. 223RD ST CARSON, CA 90745	FINDS Registry ID:: 110065111783	N/A
STAUFFER CHEMICAL CO 2112 E 223RD ST CARSON, CA 90745	CA LOS ANGELES CO. HMS Facility ID: 004533-004706  CA WDS Facility Status: A Facility Id: 4B197200018	N/A
STAUFFER MANAGEMENT 2112 0223RD ST E CARSON, CA	CA RGA LUST	N/A
STAUFFER MANAGEMENT 2112 223RD CARSON, CA 90745	CA CERS	N/A

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

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

Delisted NPL..... National Priority List Deletions

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

FEDERAL FACILITY..... Federal Facility Site Information listing

## EXECUTIVE SUMMARY

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

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

LUCIS..... Land Use Control Information System

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

ERNS..... Emergency Response Notification System

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

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

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

FEMA UST..... Underground Storage Tank Listing

INDIAN UST..... Underground Storage Tanks on Indian Land

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

INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

CA 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***

CA 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***

CA AOCONCERN..... Key Areas of Concerns in Los Angeles County

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

CA CDL..... Clandestine Drug Labs

CA Toxic Pits..... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

CA PFAS..... PFAS Contamination Site Location Listing

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

CA LIENS..... Environmental Liens Listing



## EXECUTIVE SUMMARY

LIENS 2..... CERCLA Lien Information

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

HMIRS..... Hazardous Materials Information Reporting System  
CA MCS..... Military Cleanup Sites Listing  
CA SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
EPA WATCH LIST..... EPA WATCH LIST  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PADS..... PCB Activity Database System  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
DOT OPS..... Incident and Accident Data  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
CA CUPA Listings..... CUPA Resources List  
CA Financial Assurance..... Financial Assurance Information Listing  
CA MINES..... Mines Site Location Listing  
CA MWMP..... Medical Waste Management Program Listing  
CA PEST LIC..... Pesticide Regulation Licenses Listing  
CA UIC..... UIC Listing  
CA UIC GEO..... UIC GEO (GEOTRACKER)  
CA WASTEWATER PITS..... Oil Wastewater Pits Listing  
CA WIP..... Well Investigation Program Case List  
CA MILITARY PRIV SITES... MILITARY PRIV SITES (GEOTRACKER)  
CA PROJECT..... PROJECT (GEOTRACKER)  
CA NON-CASE INFO..... NON-CASE INFO (GEOTRACKER)  
CA OTHER OIL GAS..... OTHER OIL & GAS (GEOTRACKER)  
CA PROD WATER PONDS... PROD WATER PONDS (GEOTRACKER)  
CA SAMPLING POINT..... SAMPLING POINT (GEOTRACKER)  
CA WELL STIM PROJ..... Well Stimulation Project (GEOTRACKER)

### **EDR HIGH RISK HISTORICAL RECORDS**

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

EDR MGP..... EDR Proprietary Manufactured Gas Plants

## EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historical Auto Stations  
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

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

CA RGA LF..... Recovered Government Archive Solid Waste Facilities List

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

A review of the NPL list, as provided by EDR, and dated 07/19/2019 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>MONTROSE CHEMICAL CO</i></b> Cerclis ID:: 900993 EPA Id: CAD008242711	<b><i>20201 S NORMANDIE AV</i></b>	<b><i>W 1/8 - 1/4 (0.224 mi.)</i></b>	<b><i>0</i></b>	<b><i>58</i></b>

#### **Federal CERCLIS list**

SEMS: 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.

A review of the SEMS list, as provided by EDR, and dated 07/19/2019 has revealed that there are 2

## EXECUTIVE SUMMARY

SEMS 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>MONTROSE CHEMICAL CO</b> Site ID: 0900993 EPA Id: CAD008242711	<b>20201 S NORMANDIE AV</b>	<b>W 1/8 - 1/4 (0.224 mi.)</b>	<b>0</b>	<b>58</b>
<b>ALAMEDA ST SAN LDFL</b> Site ID: 0901806 EPA Id: CAD980636393	<b>22700 S ALAMEDA ST</b>	<b>SE 1/4 - 1/2 (0.316 mi.)</b>	<b>V122</b>	<b>682</b>

### ***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 07/19/2019 has revealed that there are 2 SEMS-ARCHIVE 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>JOHNS MANVILLE PLT</b> Site ID: 0901475 EPA Id: CAD060386596	<b>2430 E 223RD</b>	<b>ENE 1/8 - 1/4 (0.236 mi.)</b>	<b>L79</b>	<b>500</b>
<b>NIKLOR CHEMICAL CO.,</b> Site ID: 0900308 EPA Id: CAD008392052	<b>2060 E 220TH STREET</b>	<b>NNW 1/8 - 1/4 (0.248 mi.)</b>	<b>O92</b>	<b>537</b>

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

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/25/2019 has revealed that there are 5 CORRACTS 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>SOLUTIA INC. CARSON</b> EPA ID:: CAD043555366	<b>2100 EAST 223RD STRE</b>	<b>WNW 0 - 1/8 (0.021 mi.)</b>	<b>B20</b>	<b>198</b>
<b>NIKLOR CHEMICAL CO.,</b>	<b>2060 E 220TH STREET</b>	<b>NNW 1/8 - 1/4 (0.248 mi.)</b>	<b>O92</b>	<b>537</b>

## EXECUTIVE SUMMARY

EPA ID:: CAD008392052				
<b>TESORO REFINING &amp; MA</b>	<b>23208 S. ALAMEDA STR</b>	<b>SSE 1/2 - 1 (0.566 mi.)</b>	<b>AA145</b>	<b>775</b>
EPA ID:: CAT000646331				
<b>CHEMICAL RAINBOW TAN</b>	<b>21119 WILMINGTON AVE</b>	<b>N 1/2 - 1 (0.905 mi.)</b>	<b>AC151</b>	<b>826</b>
EPA ID:: CAD009774118				
<b>TESORO CARSON REFINE</b>	<b>1801 SEPULVEDA BLVD</b>	<b>SSW 1/2 - 1 (0.973 mi.)</b>	<b>AD157</b>	<b>889</b>
EPA ID:: CAD077227049				

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

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 RCRA-TSDF 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>SOLUTIA INC. CARSON</b>	<b>2100 EAST 223RD STRE</b>	<b>WNW 0 - 1/8 (0.021 mi.)</b>	<b>B20</b>	<b>198</b>
EPA ID:: CAD043555366				
<b>NIKLOR CHEMICAL CO.,</b>	<b>2060 E 220TH STREET</b>	<b>NNW 1/8 - 1/4 (0.248 mi.)</b>	<b>O92</b>	<b>537</b>
EPA ID:: CAD008392052				

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

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 RCRA-LQG 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>MONTROSE CHEMICAL CO</b>	<b>20201 S NORMANDIE AV</b>	<b>W 1/8 - 1/4 (0.224 mi.)</b>	<b>0</b>	<b>58</b>
EPA ID:: CAD008242711				
<b>SOLUTIA INC. CARSON</b>	<b>2100 EAST 223RD STRE</b>	<b>WNW 0 - 1/8 (0.021 mi.)</b>	<b>B20</b>	<b>198</b>
EPA ID:: CAD043555366				

## EXECUTIVE SUMMARY

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 10 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>STAUFFER MANAGEMENT</b> EPA ID:: CAR000032516	<b>2201_E_223RD ST OFF</b>	<b>WNW 0 - 1/8 (0.003 mi.)</b>	<b>B11</b>	<b>119</b>
<b>CORMIER CHEVROLET CO</b> EPA ID:: CAD981462310	<b>2201 EAST 223 STREET</b>	<b>NNW 0 - 1/8 (0.010 mi.)</b>	<b>D14</b>	<b>163</b>
<b>CORMIER HYUNDAI</b> EPA ID:: CAD983583139	<b>2233 E 223RD ST</b>	<b>ENE 0 - 1/8 (0.043 mi.)</b>	<b>E24</b>	<b>223</b>
<b>CORMIER CHEVROLET</b> EPA ID:: CAD981970635	<b>2201 E. 223 ST</b>	<b>N 0 - 1/8 (0.055 mi.)</b>	<b>D31</b>	<b>285</b>
<b>HERRON OPTICAL PRODU</b> EPA ID:: CAD008381394	<b>2035 E 223 STREET</b>	<b>WNW 0 - 1/8 (0.069 mi.)</b>	<b>F37</b>	<b>315</b>
<b>CERTIFIED COATING AT</b> EPA ID:: CAD982512584	<b>2000 E 223RD ST GATE</b>	<b>WNW 1/8 - 1/4 (0.138 mi.)</b>	<b>I52</b>	<b>403</b>
<b>EDOCO</b> EPA ID:: CAD091432153	<b>22039 S. WESTWARD AV</b>	<b>NNE 1/8 - 1/4 (0.165 mi.)</b>	<b>K60</b>	<b>416</b>
<b>FREEWAY ENGINE SALES</b> EPA ID:: CAD982047839	<b>1935 E 223RD ST</b>	<b>WNW 1/8 - 1/4 (0.183 mi.)</b>	<b>M63</b>	<b>425</b>
<b>CARSON BODYSHOP</b> EPA ID:: CAD981572753	<b>1933 EAST 223RD STRE</b>	<b>WNW 1/8 - 1/4 (0.203 mi.)</b>	<b>M70</b>	<b>469</b>
<b>JOHNS MANVILLE PLT</b> EPA ID:: CAD060386596	<b>2430 E 223RD</b>	<b>ENE 1/8 - 1/4 (0.236 mi.)</b>	<b>L79</b>	<b>500</b>

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

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 08/19/2019 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MONTROSE CHEMICAL CO</b> EPA ID:: CAD008242711 EPA ID:: CAD008242711	<b>20201 S NORMANDIE AV</b>	<b>W 1/8 - 1/4 (0.224 mi.)</b>	<b>0</b>	<b>58</b>

## EXECUTIVE SUMMARY

US INST CONTROL: 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.

A review of the US INST CONTROL list, as provided by EDR, and dated 08/19/2019 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MONTROSE CHEMICAL CO</b> EPA ID:: CAD008242711	<b>20201 S NORMANDIE AV</b>	<b>W 1/8 - 1/4 (0.224 mi.)</b>	<b>0</b>	<b>58</b>

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

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

A review of the CA RESPONSE list, as provided by EDR, has revealed that there are 3 CA 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>STAUFFER MANAGEMENT</b> Database: RESPONSE, Date of Government Version: 04/29/2019 Status: Active Facility Id: 19280083	<b>2201_E 223RD ST OFF</b>	<b>WNW 0 - 1/8 (0.003 mi.)</b>	<b>B11</b>	<b>119</b>
<b>MONSANTO CHEMICAL CO</b> Database: RESPONSE, Date of Government Version: 04/29/2019 Status: Active Facility Id: 19281200	<b>2100 EAST 223RD STRE</b>	<b>W 0 - 1/8 (0.051 mi.)</b>	<b>G26</b>	<b>227</b>
<b>MANVILLE PLANT</b> Database: RESPONSE, Date of Government Version: 04/29/2019 Status: Certified O&M - Land Use Restrictions Only Facility Id: 19320001	<b>2420 223RD ST E</b>	<b>ENE 1/8 - 1/4 (0.210 mi.)</b>	<b>L72</b>	<b>478</b>

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

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

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 04/29/2019 has revealed that there

## EXECUTIVE SUMMARY

are 20 CA 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>STAUFFER MANAGEMENT</b> Facility Id: 19280083 Status: Active	<b>2201_E_223RD ST OFF</b>	<b>WNW 0 - 1/8 (0.003 mi.)</b>	<b>B11</b>	<b>119</b>
<b>COONS TRUST PROPERTY</b> Facility Id: 70000172 Status: Certified O&M - Land Use Restrictions Only	<b>2254 E. 223RD STREET</b>	<b>NNE 0 - 1/8 (0.008 mi.)</b>	<b>C13</b>	<b>156</b>
<b>MONSANTO CHEMICAL CO</b> Facility Id: 80001380 Status: Inactive - Needs Evaluation	<b>2100 E 223RD ST</b>	<b>WNW 0 - 1/8 (0.021 mi.)</b>	<b>B19</b>	<b>181</b>
<b>MONSANTO CHEMICAL CO</b> Facility Id: 19281200 Status: Active	<b>2100 EAST 223RD STRE</b>	<b>W 0 - 1/8 (0.051 mi.)</b>	<b>G26</b>	<b>227</b>
<b>MANVILLE PLANT</b> Facility Id: 19320001 Status: Certified O&M - Land Use Restrictions Only	<b>2420 223RD ST E</b>	<b>ENE 1/8 - 1/4 (0.210 mi.)</b>	<b>L72</b>	<b>478</b>
<b>NIKLOR CHEMICAL COMP</b> Facility Id: 19281226 Status: Refer: 1248 Local Agency	<b>2060 E. 220TH ST.</b>	<b>NNW 1/8 - 1/4 (0.248 mi.)</b>	<b>O91</b>	<b>534</b>
<b>NIKLOR CHEMICAL CO I</b> Facility Id: 80001581 Status: No Action Required	2060 E 220TH ST	NNW 1/8 - 1/4 (0.248 mi.)	O95	550
<b>CLEAN STEEL INC.</b> Facility Id: 70000130 Status: Refer: 1248 Local Agency	2061 E. 220TH STREET	NNW 1/4 - 1/2 (0.285 mi.)	R106	597
<b>ALAMEDA ST SAN LDFL</b> Facility Id: 60001198 Status: Inactive - Needs Evaluation	<b>22700 S ALAMEDA ST</b>	<b>SE 1/4 - 1/2 (0.316 mi.)</b>	<b>V123</b>	<b>684</b>
<b>MATLACK, INC.</b> Facility Id: 71002109 Status: Refer: Other Agency	<b>22422 S. ALAMEDA</b>	<b>E 1/4 - 1/2 (0.328 mi.)</b>	<b>125</b>	<b>689</b>
<b>ALPERT &amp; ALPERT IRON</b> Facility Id: 19990052 Status: Refer: 1248 Local Agency	<b>21930 S. WILMINGTON</b>	<b>NNW 1/4 - 1/2 (0.359 mi.)</b>	<b>130</b>	<b>713</b>
<b>COMMONWELATH ALUMINU</b> Facility Id: 71004111 Status: Certified O&M - Land Use Restrictions Only	<b>2211 E. CARSON ST.</b>	<b>NNE 1/2 - 1 (0.555 mi.)</b>	<b>142</b>	<b>745</b>
<b>TESORO REFINING &amp; MA</b> Facility Id: 80001817 Status: Inactive - Action Required	<b>23208 S ALAMEDA ST</b>	<b>SSE 1/2 - 1 (0.566 mi.)</b>	<b>AA143</b>	<b>756</b>
<b>WILMINGTON CLASS &amp; H</b> Facility Id: 80000531 Status: Inactive - Needs Evaluation		SE 1/2 - 1 (0.844 mi.)	AB148	822
<b>DEL AMO ELEMENTARY S</b> Facility Id: 60000406 Status: No Further Action	<b>21228 WATER STREET</b>	<b>NNW 1/2 - 1 (0.845 mi.)</b>	<b>150</b>	<b>823</b>
<b>RAINBOW LLC</b> Facility Id: 80001649	<b>21119 WILMINGTON AVE</b>	<b>N 1/2 - 1 (0.905 mi.)</b>	<b>AC152</b>	<b>844</b>





## EXECUTIVE SUMMARY

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

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

A review of the CA LUST list, as provided by EDR, has revealed that there are 26 CA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>STAUFFER MANAGEMENT</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: R-04706 Status: Leak being confirmed Global ID: T0603704651	<b>2201_E_223RD ST OFF</b>	<b>WNW 0 - 1/8 (0.003 mi.)</b>	<b>B11</b>	<b>119</b>
<b>CARSON REDEVELOPMENT</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/10/2019 Status: Completed - Case Closed Facility Id: R-25205 Status: Case Closed Global Id: T0603705494 Global ID: T0603705494	<b>2233 223RD ST E</b>	<b>NNE 0 - 1/8 (0.018 mi.)</b>	<b>C18</b>	<b>178</b>
<b>CORMIER CHEVROLET</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/10/2019 Status: Completed - Case Closed Facility Id: I-06073 Status: Case Closed Global Id: T0603735939 Global Id: T0603703163 Global ID: T0603703163	<b>2201 E. 223 ST</b>	<b>N 0 - 1/8 (0.055 mi.)</b>	<b>D31</b>	<b>285</b>
<b>MARKSTEIN PROPERTY F</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/10/2019 Status: Completed - Case Closed Facility Id: I-21896 Status: Remediation Plan Global Id: T0603704485 Global ID: T0603704485	<b>2055 223RD ST E</b>	<b>WNW 0 - 1/8 (0.069 mi.)</b>	<b>F36</b>	<b>303</b>
<b>FIRE STATION #127</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/10/2019 Status: Completed - Case Closed Facility Id: R-12498 Status: Pollution Characterization Global Id: T0603705133 Global ID: T0603705133	<b>2049 223RD ST</b>	<b>WNW 0 - 1/8 (0.100 mi.)</b>	<b>F41</b>	<b>326</b>
<b>EDOCO</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: R-25853 Status: Leak being confirmed Global ID: T0603705528	<b>22039 S. WESTWARD AV</b>	<b>NNE 1/8 - 1/4 (0.165 mi.)</b>	<b>K60</b>	<b>416</b>
<b>VENTURA TRANSFER COM</b> Database: LUST, Date of Government Version: 06/10/2019	<b>2418 223RD ST. E.</b>	<b>ENE 1/8 - 1/4 (0.183 mi.)</b>	<b>L61</b>	<b>422</b>

## EXECUTIVE SUMMARY

Status: Completed - Case Closed  
Global Id: T0603721950

<b>TIMCO</b>	<b>2032 220TH ST E</b>	<b>NNW 1/8 - 1/4 (0.185 mi.)</b>	<b>65</b>	<b>431</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 06/10/2019				
Status: Completed - Case Closed				
Facility Id: I-05987				
Status: Case Closed				
Global Id: T0603703149				
Global ID: T0603703149				
<b>CARSON BODYSHOP</b>	<b>1933 EAST 223RD STRE</b>	<b>WNW 1/8 - 1/4 (0.203 mi.)</b>	<b>M70</b>	<b>469</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Facility Id: R-36418				
Status: Preliminary site assessment workplan submitted				
Global ID: T0603745427				
<b>MANVILLE PLANT</b>	<b>2420 223RD ST E</b>	<b>ENE 1/8 - 1/4 (0.210 mi.)</b>	<b>L72</b>	<b>478</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 06/10/2019				
Status: Completed - Case Closed				
Facility Id: I-00223				
Status: Case Closed				
Global Id: T0603702687				
Global ID: T0603702687				
<b>DAYTON SUPERIOR SPEC</b>	<b>22039 SOUTH WESTWARD</b>	<b>NNE 1/8 - 1/4 (0.213 mi.)</b>	<b>73</b>	<b>485</b>
Database: LUST, Date of Government Version: 06/10/2019				
Status: Completed - Case Closed				
Global Id: T0603705528				
<b>CARSON VENTURES, LLC</b>	<b>1933 223RD ST E.</b>	<b>WNW 1/8 - 1/4 (0.238 mi.)</b>	<b>N80</b>	<b>503</b>
Database: LUST, Date of Government Version: 06/10/2019				
Status: Completed - Case Closed				
Global Id: T0603745427				
<b>NIKLOR_CHEMICAL_CO_I</b>	<b>2060 220TH ST. E.</b>	<b>NNW 1/8 - 1/4 (0.240 mi.)</b>	<b>O81</b>	<b>506</b>
Database: LUST, Date of Government Version: 06/10/2019				
Status: Completed - Case Closed				
Global Id: T0603732180				
<b>TEXACO #61-106-0186</b>	<b>22232 WILMINGTON</b>	<b>WNW 1/8 - 1/4 (0.245 mi.)</b>	<b>N82</b>	<b>508</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Facility Id: I-05891				
Status: Pollution Characterization				
Global ID: T0603703122				
<b>TEXACO #61-106-0186</b>	<b>22232 WILMINGTON AVE</b>	<b>WNW 1/8 - 1/4 (0.245 mi.)</b>	<b>N83</b>	<b>510</b>
Database: LUST, Date of Government Version: 06/10/2019				
Status: Open - Remediation				
Global Id: T0603703122				
<b>WATSON LAND CO</b>	<b>2116 220TH ST E</b>	<b>NNW 1/4 - 1/2 (0.259 mi.)</b>	<b>O102</b>	<b>588</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 06/10/2019				
Status: Completed - Case Closed				
Facility Id: I-12198				
Status: Case Closed				
Global Id: T0603703937				
Global ID: T0603703937				
<b>CLEAN STEEL INC.</b>	<b>2061 EAST 220TH STRE</b>	<b>NNW 1/4 - 1/2 (0.285 mi.)</b>	<b>R105</b>	<b>593</b>
Database: LUST, Date of Government Version: 06/10/2019				



## EXECUTIVE SUMMARY

Facility Id: I-00627  
 Status: Remediation Plan  
 Global ID: T0603702725

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

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there are 25 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>STAUFFER MANAGEMENT</b> Database: SLIC REG 4, Date of Government Version: 11/17/2004 Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Open - Site Assessment Facility Status: Site Assessment Global Id: T0603704651	<b>2201 E 223RD ST OFF</b>	<b>WNW 0 - 1/8 (0.003 mi.)</b>	<b>B11</b>	<b>119</b>
CITY OF CARSON - SWA Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment	2254 223RD	NE 0 - 1/8 (0.006 mi.)	C12	156
<b>COONS TRUST PROPERTY</b> Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Open - Inactive Global Id: SLT43302300	<b>2254 E. 223RD STREET</b>	<b>NNE 0 - 1/8 (0.008 mi.)</b>	<b>C13</b>	<b>156</b>
<b>MONSANTO CHEMICAL CO</b> Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Open - Inactive Global Id: SLT43131129	<b>2100 E 223RD ST</b>	<b>WNW 0 - 1/8 (0.021 mi.)</b>	<b>B19</b>	<b>181</b>
<b>FIRE STATION 127</b> Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Open - Inactive Global Id: SLT43300298	<b>2049 E 223RD ST</b>	<b>WNW 0 - 1/8 (0.043 mi.)</b>	<b>B22</b>	<b>221</b>
<b>CITY OF CARSON - LUC</b> Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Open - Inactive Global Id: SLT43297295	<b>2059 E. 223RD ST</b>	<b>WNW 0 - 1/8 (0.043 mi.)</b>	<b>B23</b>	<b>222</b>
<b>CORMIER CHEVROLET</b> Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Completed - Case Closed Global Id: SLT43378376	<b>2201 E. 223RD ST</b>	<b>NNW 0 - 1/8 (0.053 mi.)</b>	<b>D27</b>	<b>260</b>
<b>CORMIER CHEVROLET</b> Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: No further action required	<b>2201 E. 223 ST</b>	<b>N 0 - 1/8 (0.055 mi.)</b>	<b>D31</b>	<b>285</b>
MONSANTO CARSON PLANT Database: SLIC REG 4, Date of Government Version: 11/17/2004	2100 223RD	W 0 - 1/8 (0.062 mi.)	G33	294
CITY OF CARSON - LA Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment	2049 223RD	WNW 0 - 1/8 (0.100 mi.)	F42	336
<b>ARCO POLYPROPYLENE L</b> Database: CPS-SLIC, Date of Government Version: 06/10/2019	<b>2384 E 223RD ST</b>	<b>ENE 0 - 1/8 (0.108 mi.)</b>	<b>H43</b>	<b>336</b>

## EXECUTIVE SUMMARY

Facility Status: Open - Inactive Global Id: SLT43303301				
CITY OF CARSON - ARC	2384 223RD	ENE 0 - 1/8 (0.115 mi.)	H44	341
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment				
CITY OF CARSON - L &	2035 223RD	WNW 0 - 1/8 (0.118 mi.)	I46	367
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment				
<b>CITY OF CARSON - ARC</b>	<b>2006 223RD</b>	<b>WNW 0 - 1/8 (0.120 mi.)</b>	<b>I48</b>	<b>383</b>
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment				
DOMINGUEZ ENERGY REY	22010 WILMINGTON	NW 1/4 - 1/2 (0.291 mi.)	U110	640
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Post Remediation Monitoring				
<b>ACTA SOUTH - PARCEL</b>	<b>S ALAMEDA ST</b>	<b>ENE 1/4 - 1/2 (0.294 mi.)</b>	<b>112</b>	<b>643</b>
Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Completed - Case Closed Global Id: SL0603780998 Global Id: SL0603711571				
<b>WAKUNAGA OF AMER CO</b>	<b>22010 S. WILMINGTON</b>	<b>NW 1/4 - 1/2 (0.295 mi.)</b>	<b>U113</b>	<b>646</b>
Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Completed - Case Closed Global Id: SL204AD2845				
<b>ACTA PARCEL PCH-1552</b>	<b>E. ALAMEDA ST</b>	<b>ENE 1/4 - 1/2 (0.329 mi.)</b>	<b>W126</b>	<b>692</b>
Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Completed - Case Closed Global Id: SL0603741121				
<b>ACTA PARCEL PCH-1554</b>	<b>E. ALAMEDA ST</b>	<b>ENE 1/4 - 1/2 (0.329 mi.)</b>	<b>W127</b>	<b>693</b>
Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Completed - Case Closed Global Id: SL0603771890				
<b>ACTA PARCEL PCH-1553</b>	<b>E. ALAMEDA ST.</b>	<b>ENE 1/4 - 1/2 (0.329 mi.)</b>	<b>W128</b>	<b>694</b>
Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Completed - Case Closed Global Id: SL0603773582				
<b>WESTRUX INTERNATIONA</b>	<b>1505 E 223RD ST</b>	<b>WNW 1/4 - 1/2 (0.477 mi.)</b>	<b>Z139</b>	<b>739</b>
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Completed - Case Closed Facility Status: No further action required Global Id: SL2042Y1547				
<b>WESTROX INT</b>	<b>1505 E 223RD ST</b>	<b>WNW 1/4 - 1/2 (0.477 mi.)</b>	<b>Z140</b>	<b>742</b>
Database: CPS-SLIC, Date of Government Version: 06/10/2019 Facility Status: Completed - Case Closed Global Id: SLT43294292				
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
LEONARD PROPERTY	22351 WILMINGTON	W 1/4 - 1/2 (0.403 mi.)	Y134	730
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Inactive				
<b>GANDM OIL 19</b>	<b>22351 WILMINGTON</b>	<b>W 1/4 - 1/2 (0.403 mi.)</b>	<b>Y136</b>	<b>733</b>
Database: CPS-SLIC, Date of Government Version: 06/10/2019				



## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STANDARD METALS Database: AST, Date of Government Version: 07/06/2016	2032 E 220TH ST	NNW 1/8 - 1/4 (0.249 mi.)	O98	571

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

CA VCP: 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.

A review of the CA VCP list, as provided by EDR, and dated 04/29/2019 has revealed that there is 1 CA VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COONS TRUST PROPERTY</b> Status: Certified O&M - Land Use Restrictions Only Facility Id: 70000172	<b>2254 E. 223RD STREET</b>	<b>NNE 0 - 1/8 (0.008 mi.)</b>	<b>C13</b>	<b>156</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

A review of the CA WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 6 CA WMUDS/SWAT 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>
MANVILLE PLANT SITE	2400 E. 223RD STREET	ENE 1/8 - 1/4 (0.157 mi.)	H54	408
<b>JOHNS-MANVILLE CARSO</b>	<b>22401 SOUTH ALAMEDA</b>	<b>E 1/4 - 1/2 (0.274 mi.)</b>	<b>S103</b>	<b>591</b>
<b>HARDWICK DISPOSAL PI</b>	<b>22400 SOUTH ALAMEDA</b>	<b>E 1/4 - 1/2 (0.286 mi.)</b>	<b>S107</b>	<b>598</b>
CASSIDY & CRISMAN-CA	22700 SOUTH ALAMEDA	SE 1/4 - 1/2 (0.297 mi.)	V115	649
ALAMEDA STREET	22700 SOUTH ALAMEDA	SE 1/4 - 1/2 (0.297 mi.)	V116	650
<b>HARDWICK DISPOSAL PI</b>	<b>22620 SOUTH ALAMEDA</b>	<b>SE 1/4 - 1/2 (0.302 mi.)</b>	<b>V119</b>	<b>668</b>

CA SWRCY: A listing of recycling facilities in California.

A review of the CA SWRCY list, as provided by EDR, and dated 06/11/2019 has revealed that there is 1 CA SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>STATE SALVAGE INC</b> Cert Id: RC6764	<b>22500 S ALAMEDA ST</b>	<b>ESE 1/4 - 1/2 (0.300 mi.)</b>	<b>117</b>	<b>651</b>

## EXECUTIVE SUMMARY

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

CA HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 2 CA HIST Cal-Sites 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>MONSANTO CHEMICAL CO</b>	<b>2100 E 223RD ST</b>	<b>WNW 0 - 1/8 (0.021 mi.)</b>	<b>B19</b>	<b>181</b>
<b>MANVILLE CORPORATION</b>	<b>2420 EAST 223RD STRE</b>	<b>ENE 1/8 - 1/4 (0.210 mi.)</b>	<b>L71</b>	<b>472</b>

CA CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 08/14/2019 has revealed that there are 13 CA CERS HAZ WASTE 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>POLYONE CORP</b>	<b>2104 E 223RD ST</b>	<b>SW 0 - 1/8 (0.041 mi.)</b>	<b>21</b>	<b>214</b>
<b>CORMIER CHEVROLET</b>	<b>2201 E 223RD ST</b>	<b>N 0 - 1/8 (0.054 mi.)</b>	<b>D29</b>	<b>262</b>
<b>SOLUTIA INC</b>	<b>2100 E 223RD ST</b>	<b>W 0 - 1/8 (0.055 mi.)</b>	<b>G32</b>	<b>292</b>
<b>CRUISE AMERICA</b>	<b>2233 E 223RD ST</b>	<b>NE 0 - 1/8 (0.066 mi.)</b>	<b>E35</b>	<b>295</b>
<b>MARKSTEIN DISTRIBUTO</b>	<b>2055 E 223RD ST</b>	<b>WNW 0 - 1/8 (0.072 mi.)</b>	<b>F38</b>	<b>316</b>
<b>LA CO FD FIRE STA #1</b>	<b>2049 E 223RD ST</b>	<b>WNW 0 - 1/8 (0.100 mi.)</b>	<b>F40</b>	<b>323</b>
<b>INEOS POLYPROPYLENE</b>	<b>2384 E 223RD ST</b>	<b>ENE 0 - 1/8 (0.115 mi.)</b>	<b>H45</b>	<b>342</b>
<b>PRAXAIR, INC. - 578</b>	<b>2006 E 223RD ST</b>	<b>W 0 - 1/8 (0.119 mi.)</b>	<b>I47</b>	<b>367</b>
<b>LIQUID CARBONIC</b>	<b>2006 E 223RD ST</b>	<b>W 0 - 1/8 (0.123 mi.)</b>	<b>J50</b>	<b>395</b>
<b>RED-D-ARC INC</b>	<b>1945 E 223RD ST</b>	<b>WNW 1/8 - 1/4 (0.184 mi.)</b>	<b>M64</b>	<b>426</b>
<b>VENTURA TRANSFER COM</b>	<b>2418 E 223RD STREET</b>	<b>ENE 1/8 - 1/4 (0.203 mi.)</b>	<b>L68</b>	<b>437</b>
<b>CCL TUBE</b>	<b>2250 E 220TH ST</b>	<b>NNE 1/8 - 1/4 (0.248 mi.)</b>	<b>Q97</b>	<b>552</b>
<b>TIMCO</b>	<b>2032 E 220TH ST</b>	<b>NNW 1/8 - 1/4 (0.249 mi.)</b>	<b>O100</b>	<b>574</b>

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

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

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 18 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CORMIER CHEVROLET</b> Status: A Tank Status: A Comp Number: 6073	<b>2201 E 223RD ST</b>	<b>NNW 0 - 1/8 (0.011 mi.)</b>	<b>D16</b>	<b>172</b>
<b>MONSANTO CHEMICAL CO</b>	<b>2100 E 223RD ST</b>	<b>WNW 0 - 1/8 (0.021 mi.)</b>	<b>B19</b>	<b>181</b>



## EXECUTIVE SUMMARY

Comp Number: 5175				
<b>CORMIER HYUNDAI</b>	<b>2233 E 223RD ST</b>	<b>ENE 0 - 1/8 (0.043 mi.)</b>	<b>E24</b>	<b>223</b>
Status: A				
Tank Status: A				
Comp Number: 11231				
<b>CORMIER CHEVROLET</b>	<b>2201 E 223RD ST</b>	<b>N 0 - 1/8 (0.054 mi.)</b>	<b>D29</b>	<b>262</b>
Status: A				
Tank Status: A				
Comp Number: 33835				
<b>LA CO FD FIRE STA #1</b>	<b>2049 E 223RD ST</b>	<b>WNW 0 - 1/8 (0.100 mi.)</b>	<b>F40</b>	<b>323</b>
Status: A				
Tank Status: A				
Comp Number: 12498				
<b>PRAXAIR, INC. - 578</b>	<b>2006 E 223RD ST</b>	<b>W 0 - 1/8 (0.119 mi.)</b>	<b>I47</b>	<b>367</b>
Status: A				
Tank Status: A				
Comp Number: 4866				
<b>LIQUID CARBONIC</b>	<b>2006 E 223</b>	<b>WNW 1/8 - 1/4 (0.150 mi.)</b>	<b>I53</b>	<b>405</b>
Status: A				
Tank Status: A				
Comp Number: 6575				
<b>EDOCO TECHNICAL PROD</b>	<b>22039 S WESTWARD AVE</b>	<b>NNE 1/8 - 1/4 (0.165 mi.)</b>	<b>K56</b>	<b>410</b>
Status: A				
Tank Status: A				
Comp Number: 487				
<b>EDOCO</b>	<b>22039 S. WESTWARD AV</b>	<b>NNE 1/8 - 1/4 (0.165 mi.)</b>	<b>K60</b>	<b>416</b>
Status: A				
Comp Number: 5282				
<b>SPINELLO CONSTRUCTIO</b>	<b>2414 E 223RD ST</b>	<b>ENE 1/8 - 1/4 (0.194 mi.)</b>	<b>L66</b>	<b>434</b>
Status: A				
Comp Number: 13815				
<b>AMERON PIPE LINING D</b>	<b>2414 E 223RD ST</b>	<b>ENE 1/8 - 1/4 (0.194 mi.)</b>	<b>L67</b>	<b>434</b>
Status: A				
Tank Status: A				
Comp Number: 17581				
<b>VENTURA TRANSFER COM</b>	<b>2418 E 223RD ST</b>	<b>ENE 1/8 - 1/4 (0.203 mi.)</b>	<b>L69</b>	<b>467</b>
Status: A				
Tank Status: A				
Comp Number: 5045				
<b>L B FOSTER CO</b>	<b>2424 E 223RD ST</b>	<b>ENE 1/8 - 1/4 (0.220 mi.)</b>	<b>L74</b>	<b>494</b>
Status: A				
Tank Status: A				
Comp Number: 4983				
<b>L B FOSTER CO</b>	<b>2424 E 223RD ST</b>	<b>ENE 1/8 - 1/4 (0.220 mi.)</b>	<b>L75</b>	<b>495</b>
Status: A				
Comp Number: 11524				
<b>LIDO VAN &amp; STORAGE</b>	<b>2116 E 220TH ST</b>	<b>N 1/8 - 1/4 (0.247 mi.)</b>	<b>P88</b>	<b>529</b>
Status: A				
Tank Status: A				
Comp Number: 47259				
<b>NIKLOR CHEMICAL CO I</b>	<b>2060 E 220TH ST</b>	<b>NNW 1/8 - 1/4 (0.248 mi.)</b>	<b>O94</b>	<b>546</b>



## EXECUTIVE SUMMARY

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 8 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CORMIER CHEVROLET</b> Facility Id: 19001503 Status: A	2201 E 223RD ST	NNW 0 - 1/8 (0.011 mi.)	D17	177
<b>MONSANTO CHEMICAL CO</b> Facility Id: 19029192 Status: I	<b>2100 E 223RD ST</b>	<b>WNW 0 - 1/8 (0.021 mi.)</b>	<b>B19</b>	<b>181</b>
<b>LIQUID CARBONIC</b> Facility Id: 19053496 Status: A	<b>2006 E 223</b>	<b>WNW 1/8 - 1/4 (0.150 mi.)</b>	<b>I53</b>	<b>405</b>
EDOCO DIVISION THE B Facility Id: 19030102 Status: A	22039 WESTWARD AVE	NNE 1/8 - 1/4 (0.165 mi.)	K59	415
<b>AMERON PIPE LINING D</b> Facility Id: 19005126 Status: A	<b>2414 E 223RD ST</b>	<b>ENE 1/8 - 1/4 (0.194 mi.)</b>	<b>L67</b>	<b>434</b>
<b>L B FOSTER CO</b> Facility Id: 19054964 Status: A	<b>2424 E 223RD ST</b>	<b>ENE 1/8 - 1/4 (0.220 mi.)</b>	<b>L75</b>	<b>495</b>
<b>LIDO VAN &amp; STORAGE</b> Facility Id: 19056691 Status: A	<b>2116 E 220TH ST</b>	<b>N 1/8 - 1/4 (0.247 mi.)</b>	<b>P88</b>	<b>529</b>
<b>TIMCO</b> Facility Id: 19002935 Status: A Status: I	<b>2032 E 220TH ST</b>	<b>NNW 1/8 - 1/4 (0.249 mi.)</b>	<b>O100</b>	<b>574</b>

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 08/14/2019 has revealed that there are 3 CA CERS TANKS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CORMIER CHEVROLET</b>	<b>2201 E 223RD ST</b>	<b>N 0 - 1/8 (0.054 mi.)</b>	<b>D29</b>	<b>262</b>
<b>PRAXAIR, INC. - 578</b>	<b>2006 E 223RD ST</b>	<b>W 0 - 1/8 (0.119 mi.)</b>	<b>I47</b>	<b>367</b>
<b>VENTURA TRANSFER COM</b>	<b>2418 E 223RD STREET</b>	<b>ENE 1/8 - 1/4 (0.203 mi.)</b>	<b>L68</b>	<b>437</b>

### Local Land Records

CA DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the CA DEED list, as provided by EDR, and dated 06/04/2019 has revealed that there are 3

## EXECUTIVE SUMMARY

CA DEED 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>STAUFFER MANAGEMENT</b> Status: ACTIVE Envirostor ID: 19280083	<b>2201_E_223RD ST OFF</b>	<b>WNW 0 - 1/8 (0.003 mi.)</b>	<b>B11</b>	<b>119</b>
<b>COONS TRUST PROPERTY</b> Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY Envirostor ID: 70000172	<b>2254 E. 223RD STREET</b>	<b>NNE 0 - 1/8 (0.008 mi.)</b>	<b>C13</b>	<b>156</b>
<b>MANVILLE PLANT</b> Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY Envirostor ID: 19320001	<b>2420 223RD ST E</b>	<b>ENE 1/8 - 1/4 (0.210 mi.)</b>	<b>L72</b>	<b>478</b>

### **Other Ascertainable Records**

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CARSON CHEVRON EPA ID:: CAL000370854	22222 WILMINGTON AVE	WNW 1/8 - 1/4 (0.220 mi.)	M78	499
TESORO SHELL 68517 EPA ID:: CAL000321936	22232 WILMINGTON AVE	WNW 1/8 - 1/4 (0.245 mi.)	N84	526
<b>NIKLOR CHEMICAL CO.,</b> EPA ID:: CAD008392052	<b>2060 E 220TH STREET</b>	<b>NNW 1/8 - 1/4 (0.248 mi.)</b>	<b>O92</b>	<b>537</b>
CCL TUBE INC EPA ID:: CAL000341535	2250 E 220TH ST	NNE 1/8 - 1/4 (0.248 mi.)	Q96	551

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 05/15/2019 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>
WILMINGTON CLA & HOL		SE 1/2 - 1 (0.844 mi.)	AB147	820

## EXECUTIVE SUMMARY

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

A review of the ROD list, as provided by EDR, and dated 07/19/2019 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MONTROSE CHEMICAL CO</b> EPA ID:: CAD008242711	<b>20201 S NORMANDIE AV</b>	<b>W 1/8 - 1/4 (0.224 mi.)</b>	<b>0</b>	<b>58</b>

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 06/30/2019 has revealed that there is 1 CONSENT 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>
<b>MONTROSE CHEMICAL CO</b>	<b>20201 S NORMANDIE AV</b>	<b>W 1/8 - 1/4 (0.224 mi.)</b>	<b>0</b>	<b>58</b>

UXO: A listing of unexploded ordnance site locations

A review of the UXO list, as provided by EDR, and dated 12/31/2017 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>
<b>WILMINGTON CLASS&amp;YAR</b>		<b>SE 1/2 - 1 (0.844 mi.)</b>	<b>AB149</b>	<b>823</b>

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN 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>
<b>MANVILLE CORPORATION</b>	<b>2420 EAST 223RD STRE</b>	<b>ENE 1/8 - 1/4 (0.210 mi.)</b>	<b>L71</b>	<b>472</b>

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 06/24/2019 has revealed that there are 4 CA 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>STAUFFER MANAGEMENT</b> Envirostor Id: 19280083 Cleanup Status: ACTIVE - LAND USE RESTRICTIONS	<b>2201_E_223RD ST OFF</b>	<b>WNW 0 - 1/8 (0.003 mi.)</b>	<b>B11</b>	<b>119</b>
<b>MONSANTO CHEMICAL CO</b>	<b>2100 EAST 223RD STRE</b>	<b>W 0 - 1/8 (0.051 mi.)</b>	<b>G26</b>	<b>227</b>

## EXECUTIVE SUMMARY

Envirostor Id: 19281200  
Cleanup Status: ACTIVE

<b>TEXACO #61-106-0186</b> Cleanup Status: OPEN - REMEDIATION	<b>22232 WILMINGTON AVE</b>	<b>WNW 1/8 - 1/4 (0.245 mi.)</b>	<b>N83</b>	<b>510</b>
<b>ARCO #5093</b> Cleanup Status: OPEN - REMEDIATION	<b>21943 WILMINGTON AVE</b>	<b>NW 1/4 - 1/2 (0.363 mi.)</b>	<b>X132</b>	<b>715</b>

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

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 17 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>STAUFFER MANAGEMENT</b> Reg Id: 19280083 Reg Id: R-04706	<b>2201_E_223RD ST OFF</b>	<b>WNW 0 - 1/8 (0.003 mi.)</b>	<b>B11</b>	<b>119</b>
<b>MONSANTO CHEMICAL CO</b> Reg Id: 19281200	<b>2100 EAST 223RD STRE</b>	<b>W 0 - 1/8 (0.051 mi.)</b>	<b>G26</b>	<b>227</b>
<b>CORMIER CHEVROLET</b> Reg Id: I-06073	<b>2201 E. 223 ST</b>	<b>N 0 - 1/8 (0.055 mi.)</b>	<b>D31</b>	<b>285</b>
CARSON REDEVELOPMENT Reg Id: R-25205	2233 223RD	NE 0 - 1/8 (0.063 mi.)	E34	294
MARKSTEIN PROPERTY F Reg Id: I-21896	2055 223RD	WNW 0 - 1/8 (0.093 mi.)	F39	323
<b>FIRE STATION #127</b> Reg Id: R-12498	<b>2049 223RD ST</b>	<b>WNW 0 - 1/8 (0.100 mi.)</b>	<b>F41</b>	<b>326</b>
EDOCO Reg Id: R-25853	22039 WESTWARD	NNE 1/8 - 1/4 (0.165 mi.)	K55	409
<b>MANVILLE PLANT</b> Reg Id: I-00223	<b>2420 223RD ST E</b>	<b>ENE 1/8 - 1/4 (0.210 mi.)</b>	<b>L72</b>	<b>478</b>
<b>TEXACO #61-106-0186</b> Reg Id: I-05891	<b>22232 WILMINGTON</b>	<b>WNW 1/8 - 1/4 (0.245 mi.)</b>	<b>N82</b>	<b>508</b>
WATSON LAND CO Reg Id: I-12198	2116 220TH	N 1/8 - 1/4 (0.247 mi.)	P87	528
<b>TIMCO</b> Reg Id: I-05987	<b>2020 E 220TH ST</b>	<b>NNW 1/4 - 1/2 (0.254 mi.)</b>	<b>R101</b>	<b>586</b>
MATLACK INC Reg Id: I-00124	22422 ALAMEDA	ESE 1/4 - 1/2 (0.287 mi.)	T108	600
<b>COMMERCIAL CARRIERS</b> Reg Id: R-10360	<b>22440 ALAMEDA ST S</b>	<b>ESE 1/4 - 1/2 (0.288 mi.)</b>	<b>T109</b>	<b>600</b>
<b>STATE SALVAGE</b> Reg Id: I-11754	<b>22500 ALAMEDA ST S</b>	<b>ESE 1/4 - 1/2 (0.291 mi.)</b>	<b>T111</b>	<b>640</b>
<b>SHELL #204-1312-0401</b> Reg Id: I-00047	<b>22251 WILMINGTON AVE</b>	<b>WNW 1/4 - 1/2 (0.305 mi.)</b>	<b>121</b>	<b>673</b>
ARCO #5093	21943 WILMINGTON	NW 1/4 - 1/2 (0.363 mi.)	X131	714

## EXECUTIVE SUMMARY

Reg Id: I-10154

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TEXACO FORMER</b> Reg Id: I-00627	<b>22351 WILMINGTON AVE</b>	<b>W 1/4 - 1/2 (0.403 mi.)</b>	<b>Y135</b>	<b>730</b>

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

A review of the CA HWP list, as provided by EDR, and dated 05/20/2019 has revealed that there are 5 CA HWP 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>SOLUTIA INC. CARSON</b> EPA Id: CAD043555366 Cleanup Status: CLOSED	<b>2100 EAST 223RD STRE</b>	<b>WNW 0 - 1/8 (0.021 mi.)</b>	<b>B20</b>	<b>198</b>
<b>NIKLOR CHEMICAL CO.,</b> EPA Id: CAD008392052 Cleanup Status: PROTECTIVE FILER	<b>2060 E 220TH STREET</b>	<b>NNW 1/8 - 1/4 (0.248 mi.)</b>	<b>O92</b>	<b>537</b>
<b>SULFUR RECOVERY PLAN</b> EPA Id: CAT000646331 Cleanup Status: CLOSED	<b>23208 S ALAMEDA ST</b>	<b>SSE 1/2 - 1 (0.566 mi.)</b>	<b>AA144</b>	<b>758</b>
<b>CHEMICAL TRANSPORTAT</b> EPA Id: CAD009774118 Cleanup Status: CLOSED	<b>21119 WILMINGTON AVE</b>	<b>N 1/2 - 1 (0.905 mi.)</b>	<b>AC153</b>	<b>856</b>
<b>TESORO CARSON REFINE</b> EPA Id: CAD077227049 Cleanup Status: POST CLOSURE PERMIT	<b>1801 E SEPULVEDA BLV</b>	<b>SSW 1/2 - 1 (0.973 mi.)</b>	<b>AD156</b>	<b>879</b>

CA HWT: 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.

A review of the CA HWT list, as provided by EDR, and dated 07/08/2019 has revealed that there is 1 CA HWT 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>
<b>VENTURA TRANSFER COM</b> Reg Num: 3782	<b>2418 E 223RD STREET</b>	<b>ENE 1/8 - 1/4 (0.203 mi.)</b>	<b>L68</b>	<b>437</b>

TX Ind. Haz Waste: The Industrial and Hazardous Waste Database contains summary reports by waste handlers, generators and shippers in Texas.

A review of the TX Ind. Haz Waste list, as provided by EDR, and dated 07/03/2019 has revealed that there is 1 TX Ind. Haz Waste site within approximately 0.25 miles of the target property.

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ENVIRONMENTAL DYNAMI Registration Number: 47038	22222 WILMINGTON AVE	WNW 1/8 - 1/4 (0.220 mi.)	M76	496

CA PROC: A listing of certified processors.

A review of the CA PROC list, as provided by EDR, and dated 06/11/2019 has revealed that there is 1 CA PROC site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>STATE SALVAGE INC</b> Cert Id: PR0215 Reg Id: 28064	<b>22500 S ALAMEDA ST</b>	<b>ESE 1/4 - 1/2 (0.300 mi.)</b>	<b>117</b>	<b>651</b>

CA Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the CA Notify 65 list, as provided by EDR, and dated 06/17/2019 has revealed that there are 2 CA Notify 65 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>
TEXACO	232000 S. ALAMEDA	SSE 1/2 - 1 (0.539 mi.)	141	744
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
223RD ST./DOMINGUEZ		W 1/4 - 1/2 (0.280 mi.)	N104	592

CA LOS ANGELES CO LF METHANE: This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

A review of the CA LOS ANGELES CO LF METHANE list, as provided by EDR, and dated 04/30/2012 has revealed that there is 1 CA LOS ANGELES CO LF METHANE site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ALAMEDA STREET LANDF</b>	<b>22700 SOUTH ALAMEDA</b>	<b>SE 1/4 - 1/2 (0.297 mi.)</b>	<b>V114</b>	<b>647</b>

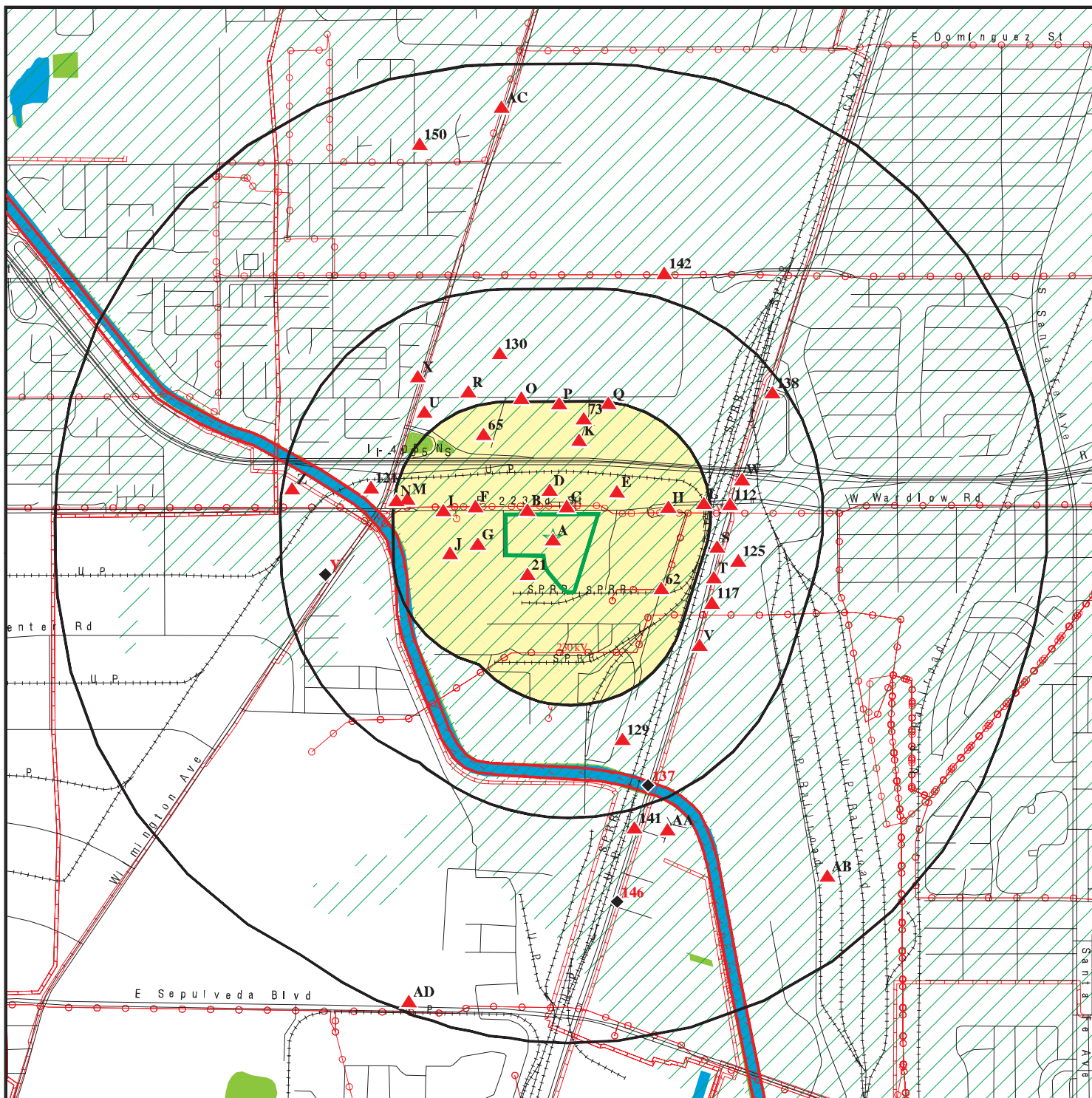


## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

<u>Site Name</u>	<u>Database(s)</u>
CITY OF CARSON - LUCAS PROPERTY	CA CPS-SLIC
CITY OF CARSON - STADEL PROPERTY	CA CPS-SLIC
ACTA SOUTH - PARCEL SE-362	CA CPS-SLIC
ACTA SOUTH - PARCEL SE-358	CA CPS-SLIC
ACTA SOUTH - PARCEL SE-351	CA CPS-SLIC
ACTA SOUTH - PARCEL SE-352/353	CA CPS-SLIC
ACTA SOUTH - PARCEL SE-349	CA CPS-SLIC
TED HAMMETT (CARSON)	CA ENVIROSTOR

# OVERVIEW MAP - 5814018.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

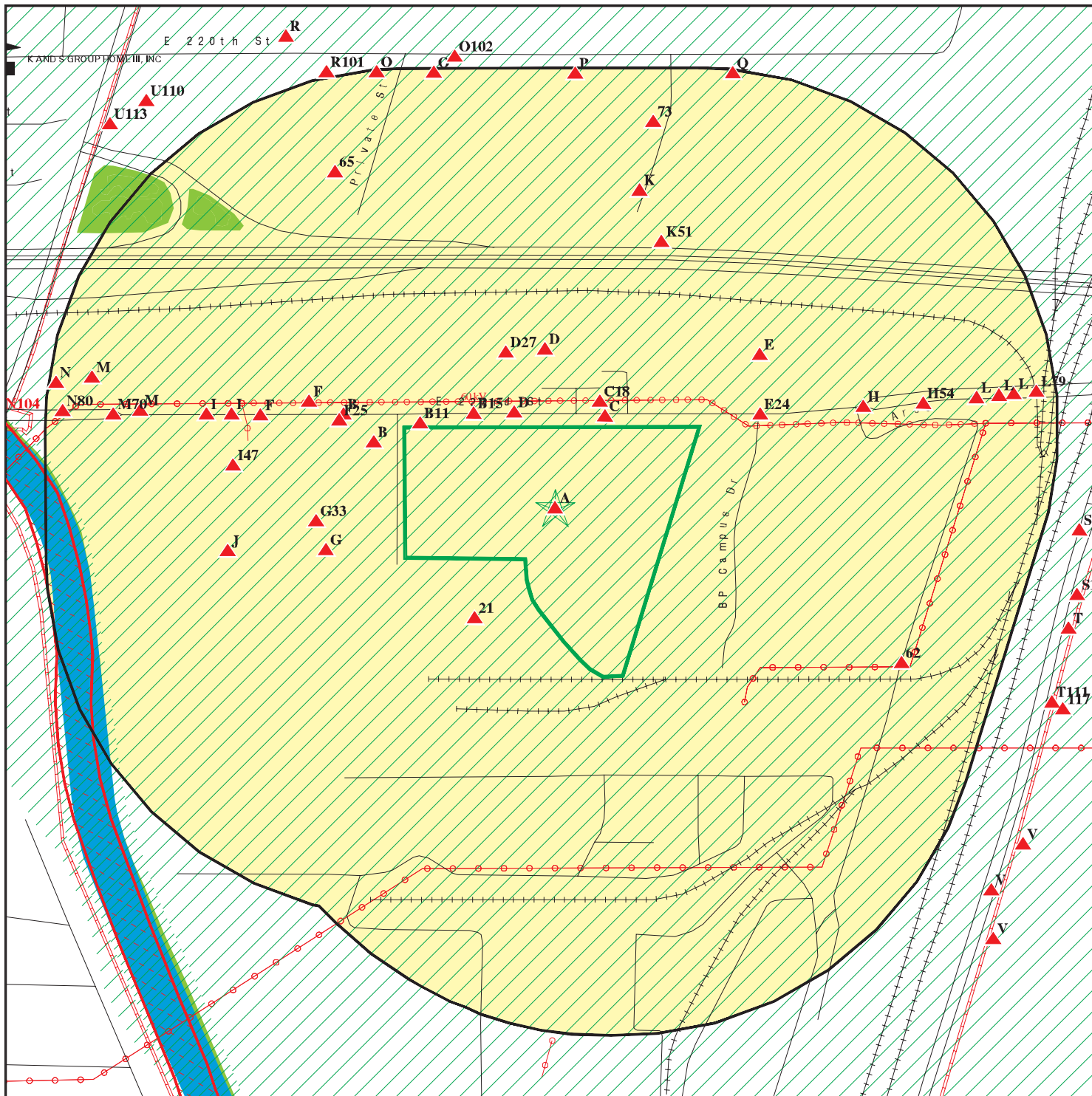
Areas of Concern

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

SITE NAME: Former Stauffer Chemical Company  
 ADDRESS: 2112 E 223rd Street  
 Carson CA 90745  
 LAT/LONG: 33.823333 / 118.235602

CLIENT: Avocet Environmental, Inc.  
 CONTACT: Philip Miller  
 INQUIRY #: 5814018.2s  
 DATE: October 03, 2019 1:28 pm

# DETAIL MAP - 5814018.2S



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

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

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

SITE NAME: Former Stauffer Chemical Company  
 ADDRESS: 2112 E 223rd Street  
 Carson CA 90745  
 LAT/LONG: 33.823333 / 118.235602

CLIENT: Avocet Environmental, Inc.  
 CONTACT: Philip Miller  
 INQUIRY #: 5814018.2s  
 DATE: October 03, 2019 1:33 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	1	NR	NR	2
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500	1	0	2	0	NR	NR	3
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000	1	1	1	0	3	NR	6
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500	1	1	1	0	NR	NR	3
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250	1	1	1	NR	NR	NR	3
RCRA-SQG	0.250		5	5	NR	NR	NR	10
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	1	0	NR	NR	1
US INST CONTROL	0.500		0	1	0	NR	NR	1
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
CA RESPONSE	1.000		2	1	0	0	NR	3
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
CA ENVIROSTOR	1.000	1	4	3	4	9	NR	21
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
CA SWF/LF	0.500		0	0	4	NR	NR	4
<b><i>State and tribal leaking storage tank lists</i></b>								
CA LUST	0.500		5	10	11	NR	NR	26

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500	1	14	0	11	NR	NR	26
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		1	5	NR	NR	NR	6
CA AST	0.250		3	1	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
CA VCP	0.500		1	0	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
CA WMUDS/SWAT	0.500		0	1	5	NR	NR	6
CA SWRCY	0.500		0	0	1	NR	NR	1
CA 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>								
CA AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000	1	1	1	0	0	NR	3
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA CERS HAZ WASTE	0.250		9	4	NR	NR	NR	13
US CDL	0.001		0	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA SWEEPS UST	0.250		6	12	NR	NR	NR	18
CA HIST UST	0.250	1	4	13	NR	NR	NR	18
CA FID UST	0.250		2	6	NR	NR	NR	8
CA CERS TANKS	0.250		2	1	NR	NR	NR	3
<b>Local Land Records</b>								
CA LIENS	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		2	1	0	NR	NR	3
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001		0	NR	NR	NR	NR	0
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	4	NR	NR	NR	4
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	1	0	0	NR	NR	NR	1
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	1	0	0	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	1	0	0	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	2	0	NR	NR	NR	NR	2
UXO	1.000		0	0	0	1	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	1	0	0	NR	1
CA Cortese	0.500		2	1	1	NR	NR	4
CA CUPA Listings	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA DRYCLEANERS	0.250	1	0	0	NR	NR	NR	1
CA EMI	0.001		0	NR	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001	1	0	NR	NR	NR	NR	1
CA ICE	0.001		0	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		6	4	7	NR	NR	17
CA LOS ANGELES CO. HMS	0.001	2	0	NR	NR	NR	NR	2
CA HWP	1.000	1	1	1	0	3	NR	6
CA HWT	0.250		0	1	NR	NR	NR	1
TX Ind. Haz Waste	0.250		0	1	NR	NR	NR	1
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA PEST LIC	0.001		0	NR	NR	NR	NR	0
CA PROC	0.500		0	0	1	NR	NR	1
CA Notify 65	1.000		0	0	1	1	NR	2
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
CA UIC	0.001		0	NR	NR	NR	NR	0
CA UIC GEO	0.001		0	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	0.001	1	0	NR	NR	NR	NR	1
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
CA PROJECT	0.001		0	NR	NR	NR	NR	0
CA WDR	0.001	1	0	NR	NR	NR	NR	1
CA CIWQS	0.001	1	0	NR	NR	NR	NR	1
CA CERS	0.001	3	0	NR	NR	NR	NR	3
CA NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
CA OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
CA PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
CA SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
CA WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
CA LOS ANGELES CO LF M&T B&NE	0.001		0	0	1	NR	NR	1
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
CA RGA LF	0.001		0	NR	NR	NR	NR	0
CA RGA LUST	0.001	2	0	NR	NR	NR	NR	2
- Totals --		25	73	88	48	18	0	252

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A1**  
**Target**  
**Property**

**STAUFFER MANAGEMENT CO**  
**2112 223RD ST E**  
**CARSON, CA**

**CA RGA LUST**

**S114695879**  
**N/A**

**Site 1 of 10 in cluster A**

**Actual:**  
**23 ft.**

**RGA LUST:**

Name:	STAUFFER MANAGEMENT CO		
Address:	2112 223RD ST E		
City:	CARSON		
State:	CARSON		
	2007	STAUFFER MANAGEMENT CO	2112 223RD ST E
Name:	STAUFFER MANAGEMENT CO		
Address:	2112 223RD ST E		
City:	CARSON		
State:	CARSON		
	2006	STAUFFER MANAGEMENT CO	2112 223RD ST E
Name:	STAUFFER MANAGEMENT CO		
Address:	2112 223RD ST E		
City:	CARSON		
State:	CARSON		
	2005	STAUFFER MANAGEMENT CO	2112 223RD ST E
Name:	STAUFFER MANAGEMENT CO		
Address:	2112 223RD ST E		
City:	CARSON		
State:	CARSON		
	2003	STAUFFER MANAGEMENT CO	2112 223RD ST E
Name:	STAUFFER MANAGEMENT CO		
Address:	2112 223RD ST E		
City:	CARSON		
State:	CARSON		
	2002	STAUFFER MANAGEMENT CO	2112 223RD ST E
Name:	STAUFFER MANAGEMENT CO		
Address:	2112 223RD ST E		
City:	CARSON		
State:	CARSON		
	2001	STAUFFER MANAGEMENT CO	2112 223RD ST E
Name:	STAUFFER MANAGEMENT CO		
Address:	2112 223RD ST E		
City:	CARSON		
State:	CARSON		
	2000	STAUFFER MANAGEMENT CO	2112 223RD ST E

**A2**  
**Target**  
**Property**

**STAUFFER MANAGEMENT COMPANY LLC**  
**2112 E 223RD ST**  
**CARSON, CA 90745**

**CA DRYCLEANERS**  
**CA HAZNET**  
**CA CERS**

**S113001776**  
**N/A**

**Site 2 of 10 in cluster A**

**Actual:**  
**23 ft.**

**DRYCLEAN SOUTH COAST:**

Name:	RHONE-POULENC, PLASTICS DIV UNIT 5
Address:	2112 E 223RD ST
City,State,Zip:	CARSON, CA 90801
Facility ID:	1211
Application Number:	A54294
Permit Number:	P34795
Status:	O
Representative Name:	Not reported
Representative Telephone:	Not reported
Permit Status:	EXPIRED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**S113001776**

BCAT Number: Not reported  
BCAT Description: Not reported  
CCAT Number: Not reported  
CCAT Description: Not reported  
UTM East: 0  
UTM North: 0

**HAZNET:**

Name: STAUFFER MANAGEMENT COMPANY LLC  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
Year: 2012  
GEPaid: CAD076941103  
Contact: C N ELMENDORF ENVT'L REMEDIATI  
Telephone: 3028857048  
Mailing Name: Not reported  
Mailing Address: PO BOX 15437 FOP3-415  
Mailing City,St,Zip: WILMINGTON, DE 198505437  
Gen County: Los Angeles  
TSD EPA ID: CAD097030993  
TSD County: Los Angeles  
Tons: 0.06255  
CA Waste Code: 491-Unspecified sludge waste  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Los Angeles

Name: STAUFFER MANAGEMENT COMPANY LLC  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
Year: 2011  
GEPaid: CAD076941103  
Contact: C N ELMENDORF ENVT'L REMEDIATI  
Telephone: 3028857048  
Mailing Name: Not reported  
Mailing Address: PO BOX 15437 FOP3-415  
Mailing City,St,Zip: WILMINGTON, DE 198505437  
Gen County: Los Angeles  
TSD EPA ID: CAD097030993  
TSD County: Los Angeles  
Tons: 2.085  
CA Waste Code: 141-Off-specification, aged or surplus inorganics  
Method: H135-Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or  
Without Treatment)  
Facility County: Los Angeles

Name: STAUFFER MANAGEMENT COMPANY LLC  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
Year: 2011  
GEPaid: CAD076941103  
Contact: C N ELMENDORF ENVT'L REMEDIATI  
Telephone: 3028857048  
Mailing Name: Not reported  
Mailing Address: PO BOX 15437 FOP3-415  
Mailing City,St,Zip: WILMINGTON, DE 198505437  
Gen County: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**S113001776**

TSD EPA ID: UTD981552177  
TSD County: 99  
Tons: 18.9735  
CA Waste Code: 252-Other still bottom waste  
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel  
Facility County: Los Angeles

Name: STAUFFER MANAGEMENT COMPANY LLC  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
Year: 2009  
GEPaid: CAD076941103  
Contact: C N ELMENDORF ENVT'L REMEDIATI  
Telephone: 3028857048  
Mailing Name: Not reported  
Mailing Address: PO BOX 15437 FOP3-415  
Mailing City,St,Zip: WILMINGTON, DE 198505437  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Tons: 23.5984  
CA Waste Code: 351-Organic solids with halogens  
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(  
To Include On-Site Treatment And/Or Stabilization)  
Facility County: Los Angeles

Name: STAUFFER MANAGEMENT COMPANY LLC  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
Year: 2008  
GEPaid: CAD076941103  
Contact: C N ELMENDORF ENVT'L REMEDIATI  
Telephone: 3028857048  
Mailing Name: Not reported  
Mailing Address: PO BOX 15437 FOP3-415  
Mailing City,St,Zip: WILMINGTON, DE 198505437  
Gen County: Los Angeles  
TSD EPA ID: CAD981696420  
TSD County: Los Angeles  
Tons: 0.42  
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Los Angeles

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

CERS:  
Name: STAUFFER MANAGEMENT  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
Site ID: 343516  
CERS ID: 80001681  
CERS Description: Corrective Action

Affiliation:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**S113001776**

Affiliation Type Desc: Supervisor  
Entity Name: \* Unknown  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: STAUFFER CHEMICAL, C  
Address: 2112 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90745  
Site ID: 343515  
CERS ID: 19280083  
CERS Description: State Response

Affiliation:  
Affiliation Type Desc: Lead Project Manager  
Entity Name: ISAAC HIRBAWI  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: CYPRESS  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor  
Entity Name: Maryam Tasnif-Abbasi  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: STAUFFER MANAGEMENT COMPANY LLC  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
Site ID: 224468  
CERS ID: CAD076941103  
CERS Description: Hazardous Waste

Affiliation:  
Affiliation Type Desc: Facility Contact  
Entity Name: C N ELMENDORF ENV'T'L REMEDIATI  
Entity Title: Not reported  
Affiliation Address: PO BOX 15437 FOP3-415  
Affiliation City: WILMINGTON  
Affiliation State: DE  
Affiliation Country: Not reported  
Affiliation Zip: 19850  
Affiliation Phone: 3028857048

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**S113001776**

Affiliation Type Desc: Facility Owner  
Entity Name: STAUFFER MANAGEMENT CO LLC  
Entity Title: Not reported  
Affiliation Address: PO BOX 15437  
Affiliation City: WILMINGTON  
Affiliation State: DE  
Affiliation Country: Not reported  
Affiliation Zip: 198505437  
Affiliation Phone: 3028857048

**A3  
Target  
Property**

**STAUFFER MANAGEMENT COMPANY LLC  
2112 EAST 223RD STREET  
CARSON, CA 90745**

**FINDS 1016053038  
ECHO N/A**

**Site 3 of 10 in cluster A**

**Actual:  
23 ft.**

**FINDS:**

Registry ID: 110000749922

**Environmental Interest/Information System**

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

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

**ECHO:**

Envid: 1016053038  
Registry ID: 110000749922  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000749922>



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STAUFFER MANAGEMENT CO., LLC (Continued)**

**S120035434**

Design Flow: Not reported  
 Major/Minor: Not reported  
 Complexity: A  
 TTWQ: 3  
 Enforcement Actions within 5 years: 0  
 Violations within 5 years: 32  
 Latitude: 33.823871  
 Longitude: -118.235905

**A5  
 Target  
 Property**

**STAUFFER MANAGEMENT COMPANY LLC  
 2112 EAST 223RD STREET  
 CARSON, CA 90745**

**SEMS-ARCHIVE  
 CORRACTS  
 RCRA-TSDF  
 RCRA-LQG  
 CA ENVIROSTOR  
 CA CPS-SLIC  
 CA HIST Cal-Sites  
 CA HIST UST  
 2020 COR ACTION  
 CA HWP  
 CA CERS**

**1000424829  
 CAD076941103**

**Site 5 of 10 in cluster A**

**Actual:  
 23 ft.**

SEMS Archive:

Site ID: 0901593  
 EPA ID: CAD076941103  
 Cong District: 31  
 FIPS Code: 06037  
 FF: N  
 NPL: Not on the NPL  
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09  
 Site ID: 0901593  
 EPA ID: CAD076941103  
 Site Name: STAUFFER CHEM CO  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: PA  
 Action Name: PA  
 SEQ: 1  
 Start Date: 1986-08-01 04:00:00  
 Finish Date: 1987-09-01 04:00:00  
 Qual: N  
 Current Action Lead: St Perf

Region: 09  
 Site ID: 0901593  
 EPA ID: CAD076941103  
 Site Name: STAUFFER CHEM CO  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: VS  
 Action Name: ARCH SITE  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 1987-09-01 04:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Qual: Not reported  
Current Action Lead: EPA Perf In-Hse  
  
Region: 09  
Site ID: 0901593  
EPA ID: CAD076941103  
Site Name: STAUFFER CHEM CO  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1986-08-01 04:00:00  
Finish Date: 1986-08-01 04:00:00  
Qual: Not reported  
Current Action Lead: St Perf

**CORRACTS:**

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20090101  
Action: CA550RC  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: 20090101  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20080514  
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: 20080514  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20080416  
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: 20080416  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19981231  
Action: CA500 - CMI Workplan Approved



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19981130  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: 19981130  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19981130  
Action: CA050 - RFA Completed  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: 19981130  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19980601  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: 19980601  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19980601  
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: 19980601  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19970130  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19970130  
Action: CA350 - CMS Approved  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19960716  
Action: CA200 - RFI Approved  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD076941103  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19950301  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 325211  
Plastics Material and Resin Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

**RCRA-TSDF:**

Date form received by agency: 09/12/2012  
Facility name: STAUFFER MANAGEMENT COMPANY LLC  
Facility address: 2112 EAST 223RD STREET  
CARSON, CA 90745  
EPA ID: CAD076941103  
Mailing address: CONCORD PIKE, PO BOX 15437  
WILMINGTON, DE 19850  
Contact: CHARLES ELMENDORF  
Contact address: CONCORD PIKE, PO BOX 15437  
WILMINGTON, DE 19850-5437  
Contact country: US  
Contact telephone: 302-885-7048  
Contact email: Not reported  
EPA Region: 09  
Land type: Private  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: STAUFFER MANAGEMENT COMPANY LLC  
Owner/operator address: CONCORD PIKE, PO BOX 15437  
WILMINGTON, DE 19850  
Owner/operator country: Not reported  
Owner/operator telephone: 302-885-7048  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1959  
Owner/Op end date: Not reported

Owner/operator name: STAUFFER MANAGEMENT COMPANY LLC  
Owner/operator address: P.O. BOX 15437  
WILMINGTON, DE 19850  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/08/2000  
Owner/Op end date: Not reported

Owner/operator name: STAUFFER MANAGEMENT COMPANY LLC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 12/08/2000  
Owner/Op end date: Not reported

Owner/operator name: STAUFFER MANAGEMENT COMPANY LLC  
Owner/operator address: CONCORD PIKE, PO BOX 15437  
WILMINGTON, DE 19850  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1959

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 05/19/2010  
Site name: STAUFFER MANAGEMENT COMPANY LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/19/2008  
Site name: STAUFFER MANAGEMENT COMPANY LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/23/2006  
Site name: STAUFFER MANAGEMENT COMPANY LLC  
Classification: Small Quantity Generator

Date form received by agency: 02/23/2006  
Site name: STAUFFER MANAGEMENT COMPANY LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/25/2002  
Site name: STAUFFER MNGMT CO LLC  
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000  
Site name: STAUFFER MANAGEMENT COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 04/15/1999  
Site name: STAUFFER MANAGEMENT COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: STAUFFER CHEM CO PLASTICS DIV  
Classification: Not a generator, verified

Date form received by agency: 08/15/1980  
Site name: STAUFFER CHEM CO PLASTICS DIV  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Hazardous Waste Summary:

- . Waste code: 252
- . Waste name: Other still bottom waste
  
- . Waste code: 351
- . Waste name: Organic solids with halogens
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE
  
- . Waste code: D040
- . Waste name: TRICHLORETHYLENE
  
- . Waste code: D043
- . Waste name: VINYL CHLORIDE

Corrective Action Summary:

- Event date: 07/31/1987
- Event: PA OR CERCLA INSPECTION
  
- Event date: 07/31/1987
- Event: LEAD AGENCY DETERMINATION
  
- Event date: 07/31/1987
- Event: CA PRIORITIZATION-MEDIUM CA PRIORITY
  
- Event date: 09/01/1987
- Event: PA OR CERCLA INSPECTION
  
- Event date: 04/20/1991
- Event: CA PRIORITIZATION-LOW CA PRIORITY
  
- Event date: 05/17/1994
- Event: STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
  
- Event date: 05/17/1994
- Event: CA PRIORITIZATION-HIGH CA PRIORITY
  
- Event date: 07/07/1994
- Event: INVESTIGATION IMPOSITION
  
- Event date: 07/27/1994
- Event: CMS IMPOSITION
  
- Event date: 03/01/1995
- Event: INVESTIGATION WORKPLAN APPROVED
  
- Event date: 07/16/1996
- Event: INVESTIGATION COMPLETE
  
- Event date: 01/30/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Event:	CMS WORKPLAN APPROVED
Event date:	01/30/1997
Event:	CMS COMPLETE
Event date:	06/25/1997
Event:	REMEDY DECISION
Event date:	06/01/1998
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	06/01/1998
Event:	REFERRED TO A NON-RCRA AUTHORITY
Event date:	06/01/1998
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	06/01/1998
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	06/01/1998
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	11/30/1998
Event:	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Event date:	11/30/1998
Event:	RFA COMPLETED-ASSESSMENT WAS A RFA
Event date:	11/30/1998
Event:	RFA COMPLETED
Event date:	12/31/1998
Event:	CMI WORKPLAN APPROVED
Event date:	12/31/1998
Event:	CORRECTIVE MEASURES DESIGN APPROVED
Event date:	04/16/2008
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	04/16/2008
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	05/14/2008
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	05/14/2008
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	01/01/2009
Event:	REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Event date: 01/01/2009  
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: Not reported  
Event: DEFERRAL TO ANOTHER AGENCY

Event date: Not reported  
Event: REEVALUATE IN FY

Facility Has Received Notices of Violations:

Regulation violated: F - 270  
Area of violation: TSD - General  
Date violation determined: 06/25/1991  
Date achieved compliance: 06/25/1991  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 12/17/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 300  
Final penalty amount: 300  
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 06/25/1991  
Date achieved compliance: 06/25/1991  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 12/17/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 300  
Final penalty amount: 300  
Paid penalty amount: Not reported

Regulation violated: F - 268.7  
Area of violation: LDR - General  
Date violation determined: 06/25/1991  
Date achieved compliance: 06/25/1991  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 12/17/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 300  
Final penalty amount: 300  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 03/31/1987  
Date achieved compliance: 09/14/1987  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/28/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 03/31/1987  
Date achieved compliance: 09/14/1987  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/01/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/04/2000  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 06/28/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 06/25/1991  
Evaluation lead agency: State

Evaluation date: 06/28/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 06/25/1991  
Evaluation lead agency: State

Evaluation date: 03/21/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/17/1989  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/30/1987  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/31/1987  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: TSD - General  
Date achieved compliance: 09/14/1987  
Evaluation lead agency: State

**RCRA-LQG:**

Date form received by agency: 09/12/2012  
Facility name: STAUFFER MANAGEMENT COMPANY LLC  
Facility address: 2112 EAST 223RD STREET  
CARSON, CA 90745  
EPA ID: CAD076941103  
Mailing address: CONCORD PIKE, PO BOX 15437  
WILMINGTON, DE 19850  
Contact: CHARLES ELMENDORF  
Contact address: CONCORD PIKE, PO BOX 15437  
WILMINGTON, DE 19850-5437  
Contact country: US  
Contact telephone: 302-885-7048  
Contact email: Not reported  
EPA Region: 09  
Land type: Private  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: STAUFFER MANAGEMENT COMPANY LLC  
Owner/operator address: CONCORD PIKE, PO BOX 15437  
WILMINGTON, DE 19850  
Owner/operator country: Not reported  
Owner/operator telephone: 302-885-7048  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1959  
Owner/Op end date: Not reported

Owner/operator name: STAUFFER MANAGEMENT COMPANY LLC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Owner/operator address: P.O. BOX 15437  
WILMINGTON, DE 19850  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/08/2000  
Owner/Op end date: Not reported

Owner/operator name: STAUFFER MANAGEMENT COMPANY LLC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 12/08/2000  
Owner/Op end date: Not reported

Owner/operator name: STAUFFER MANAGEMENT COMPANY LLC  
Owner/operator address: CONCORD PIKE, PO BOX 15437  
WILMINGTON, DE 19850  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1959  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Date form received by agency: 05/19/2010  
Site name: STAUFFER MANAGEMENT COMPANY LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/19/2008  
Site name: STAUFFER MANAGEMENT COMPANY LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/23/2006  
Site name: STAUFFER MANAGEMENT COMPANY LLC  
Classification: Small Quantity Generator

Date form received by agency: 02/23/2006  
Site name: STAUFFER MANAGEMENT COMPANY LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/25/2002  
Site name: STAUFFER MNGMT CO LLC  
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000  
Site name: STAUFFER MANAGEMENT COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 04/15/1999  
Site name: STAUFFER MANAGEMENT COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: STAUFFER CHEM CO PLASTICS DIV  
Classification: Not a generator, verified

Date form received by agency: 08/15/1980  
Site name: STAUFFER CHEM CO PLASTICS DIV  
Classification: Large Quantity Generator

**Hazardous Waste Summary:**

- . Waste code: 252
- . Waste name: Other still bottom waste
  
- . Waste code: 351
- . Waste name: Organic solids with halogens
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE
  
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE
  
- . Waste code: D043
- . Waste name: VINYL CHLORIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Corrective Action Summary:

Event date:	07/31/1987
Event:	PA OR CERCLA INSPECTION
Event date:	07/31/1987
Event:	LEAD AGENCY DETERMINATION
Event date:	07/31/1987
Event:	CA PRIORITIZATION-MEDIUM CA PRIORITY
Event date:	09/01/1987
Event:	PA OR CERCLA INSPECTION
Event date:	04/20/1991
Event:	CA PRIORITIZATION-LOW CA PRIORITY
Event date:	05/17/1994
Event:	STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
Event date:	05/17/1994
Event:	CA PRIORITIZATION-HIGH CA PRIORITY
Event date:	07/07/1994
Event:	INVESTIGATION IMPOSITION
Event date:	07/27/1994
Event:	CMS IMPOSITION
Event date:	03/01/1995
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	07/16/1996
Event:	INVESTIGATION COMPLETE
Event date:	01/30/1997
Event:	CMS WORKPLAN APPROVED
Event date:	01/30/1997
Event:	CMS COMPLETE
Event date:	06/25/1997
Event:	REMEDY DECISION
Event date:	06/01/1998
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	06/01/1998
Event:	REFERRED TO A NON-RCRA AUTHORITY
Event date:	06/01/1998
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	06/01/1998
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Event date: 06/01/1998  
Event: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION

Event date: 11/30/1998  
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 11/30/1998  
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 11/30/1998  
Event: RFA COMPLETED

Event date: 12/31/1998  
Event: CMI WORKPLAN APPROVED

Event date: 12/31/1998  
Event: CORRECTIVE MEASURES DESIGN APPROVED

Event date: 04/16/2008  
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 04/16/2008  
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 05/14/2008  
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 05/14/2008  
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 01/01/2009  
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: 01/01/2009  
Event: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED

Event date: Not reported  
Event: DEFERRAL TO ANOTHER AGENCY

Event date: Not reported  
Event: REEVALUATE IN FY

Facility Has Received Notices of Violations:

Regulation violated: F - 270  
Area of violation: TSD - General  
Date violation determined: 06/25/1991  
Date achieved compliance: 06/25/1991  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 12/17/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 300

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Final penalty amount: 300  
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 06/25/1991  
Date achieved compliance: 06/25/1991  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 12/17/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 300  
Final penalty amount: 300  
Paid penalty amount: Not reported

Regulation violated: F - 268.7  
Area of violation: LDR - General  
Date violation determined: 06/25/1991  
Date achieved compliance: 06/25/1991  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 12/17/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 300  
Final penalty amount: 300  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 03/31/1987  
Date achieved compliance: 09/14/1987  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/28/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 03/31/1987  
Date achieved compliance: 09/14/1987  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/01/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/04/2000  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 06/28/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 06/25/1991  
Evaluation lead agency: State

Evaluation date: 06/28/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 06/25/1991  
Evaluation lead agency: State

Evaluation date: 03/21/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/17/1989  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/30/1987  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/31/1987  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: TSD - General  
Date achieved compliance: 09/14/1987  
Evaluation lead agency: State

ENVIROSTOR:

Name: STAUFFER MANAGEMENT COMPANY LLC  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
Facility ID: 80001681  
Status: Inactive - Needs Evaluation  
Status Date: 11/01/2018  
Site Code: Not reported  
Site Type: Corrective Action  
Site Type Detailed: Corrective Action  
Acres: 0  
NPL: NO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Regulatory Agencies: SMBRP  
Lead Agency: MBR  
Program Manager: Not reported  
Supervisor: \* Unknown  
Division Branch: Cleanup Chatsworth  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.82332  
Longitude: -118.2345  
APN: 7315008049  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 7315008049  
Alias Type: APN  
Alias Name: CAD076941103  
Alias Type: EPA Identification Number  
Alias Name: 19280083  
Alias Type: Envirostor ID Number  
Alias Name: 80001681  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire  
Completed Date: 05/17/1994  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RCRA Facility Assessment Report  
Completed Date: 11/30/1998  
Comments: THE ANALOGOUS REVIEW TEAM CONCLUDED THAT THE 1982 AND 1986 SITE INVESTIGATIONS IN CONJUNCTION WITH THE 1995 RI CONSTITUTE AN ANALOGOUS RFA. RSARACINO 19980601.15:05S

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: SOILS  
Completed Document Type: Remedy Selection and Statement of Basis  
Completed Date: 06/25/1997  
Comments: Remedial Action Plan approved per Site Mit database

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order  
Completed Date: 07/27/1994  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Construction Complete  
Completed Date: 01/01/2009



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 06/01/1998  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Groundwater Migration Controlled  
Completed Date: 06/01/1998  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Groundwater Migration Controlled  
Completed Date: 04/16/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 05/14/2008  
Comments: Not reported

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: SOILS  
Completed Document Type: RFI Report  
Completed Date: 07/16/1996  
Comments: Not reported

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: SOILS  
Completed Document Type: RFI Workplan  
Completed Date: 03/01/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 09/01/1987  
Comments: Not reported

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: SOILS  
Completed Document Type: Corrective Measures Study Report  
Completed Date: 01/30/1997  
Comments: This is RI/FS Per Site Mit database

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: SOILS  
Completed Document Type: Corrective Measures Study Workplan  
Completed Date: 01/30/1997  
Comments: Not reported

Completed Area Name: Sites With No Operable Unit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Completed Sub Area Name: SOILS  
Completed Document Type: Corrective Measure Implementation Workplan  
Completed Date: 12/31/1997  
Comments: Not reported

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: SOILS  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 12/31/1997  
Comments: Remedial Design and Implementation Plan Approved per Site Mit database.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 07/31/1987  
Comments: Not reported

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

**CPS-SLIC:**

Name: CITY OF CARSON - ATKEMIX THIRTY SEVEN INC.  
Address: 2112 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Region: STATE  
**Facility Status: Open - Inactive**  
Status Date: 01/30/2015  
Global Id: SLT43298296  
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
Lead Agency Case Number: 80001681  
Latitude: 33.824283  
Longitude: -118.23659  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 0496B6  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**Calsite:**

Name: STAUFFER CHEMICAL, CARSON  
Address: 2112 EAST 223RD STREET  
City: CARSON  
Region: CYPRESS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Facility ID: 19280083  
Facility Type: RP  
Type: RESPONSIBLE PARTY  
Branch: SB  
Branch Name: SO CAL - CYPRESS  
File Name: Not reported  
State Senate District: 04251996  
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE  
Status Name: ANNUAL WORKPLAN - ACTIVE SITE  
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL  
NPL: Not Listed  
SIC Code: 28  
SIC Name: MANU - CHEMICALS & ALLIED PRODUCTS  
Access: Not reported  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Not reported  
Staff Member Responsible for Site: JSPIZMA  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: LA  
Region Water Control Board Name: LOS ANGELES  
Lat/Long Direction: Not reported  
Lat/Long (dms): 0 0 0 / 0 0 0  
Lat/long Method: Not reported  
Lat/Long Description: Not reported  
State Assembly District Code: 55  
State Senate District Code: 28  
Facility ID: 19280083  
Activity: DISC  
Activity Name: DISCOVERY  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 03161981  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19280083  
Activity: ORDER  
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA  
AWP Code: ISE  
Proposed Budget: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 06271994  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19280083  
Activity: RIFS  
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
AWP Code: SOIL  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 01301997  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19280083  
Activity: RAP  
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION  
AWP Code: SOIL  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 06251997  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19280083
Activity:	DES
Activity Name:	DESIGN
AWP Code:	SOIL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12311997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19280083
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	09302007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Unknown Type:	0
Facility ID:	19280083
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312008
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19280083
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312039
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19280083
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	12312005
Revised Due Date:	Not reported
Comments Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19280083  
Activity: RAP  
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION  
AWP Code: GW  
Proposed Budget: 0  
AWP Completion Date: 09302006  
Revised Due Date: Not reported  
Comments Date: Not reported  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19280083  
Activity: RMDL  
Activity Name: REMEDIAL ACTION (RAP REQUIRED)  
AWP Code: SOIL  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 02181999  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 325000  
Action Included Capping: Not reported  
Well Decommissioned: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19280083
Activity:	DES
Activity Name:	DESIGN
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	03312007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19280083
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	SOIL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06251997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19280083
Activity:	CHP65



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Activity Name: AMENDED ORDER/AGREEMENT, CHAPTER 6.5 TRANSITION  
AWP Code: ORDER  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 04071999  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Alternate Address: 2112 EAST 223RD STREET  
Alternate City,St,Zip: CARSON, CA 90745  
Background Info: The Stauffer Chemical site is located at 2112 East 223rd Street in the City of Carson, Los Angeles County. The site occupies an area of approximately 25 acres. The site is an inactive polyvinyl chloride plant. The plant was deactivated in 1982 and the majority of buildings, chemical storage, and process facility have been removed and there is no active storage of hazardous waste materials at the site. 1,2 DCA or 1,2 dichloroethane and vinyl chloride are the primary constituents of concern. Soil and groundwater investigations have indicated the presence of chlorinated hydrocarbons.  
Comments Date: 09251978  
Comments: HEAVY METALS & CHLOR. HYDROCARBONS.  
Comments Date: 01051985  
Comments: ENFORCEMENT(OTHER) SEWER. NOTICE OF NON-COMPLI. MUST REPAIR  
Comments Date: 01051985  
Comments: FLOWMETER.  
Comments Date: 01301997  
Comments: DTSC reviewed and approved the revised Feasibility Study report.  
Comments Date: 01301997  
Comments: This completes the approval of the RI/FS for the soil operable  
Comments Date: 01301997  
Comments: unit.  
Comments Date: 02011997  
Comments: Further remedial investigation activities to define the  
Comments Date: 02011997  
Comments: vertical extent of chlorinated hydrocarbons in groundwater  
Comments Date: 02011997  
Comments: are in progress. Demolition of remaining structures begun  
Comments Date: 02011997  
Comments: in November 1996.  
Comments Date: 02032003  
Comments: As of 12/31/02, 161,000 lbs. of total VOCs have been removed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Comments Date: 02032003  
Comments: from site soils.  
Comments Date: 02041997  
Comments: DTSC approved the RI II workplan for GW.  
Comments Date: 02051999  
Comments: RP submitted to DTSC draft Phase II GW Remedial Investigation  
Comments Date: 02051999  
Comments: Report and draft GW Feasibility Study Workplan.  
Comments Date: 02221999  
Comments: The soil treatment system is essentially complete and the  
Comments Date: 02221999  
Comments: system is operating. Almost 15,000 pounds of VOCs have been  
Comments Date: 02221999  
Comments: removed by the soils remediation system to date.  
Comments Date: 03101986  
Comments: SOURCE ACT: (AMERICAN) MFG OF ETHL CHLORD ETHLENE DICHLORIDE,  
Comments Date: 03101986  
Comments: VINYL CHLORIDE. (STAUFFER) ALOS POLYVINYL CHLORIDE & RESINS.  
Comments Date: 03101986  
Comments: WASTE: WASTEWATER W/TRACE ORG CPVC RESIN CHLORINATED  
Comments Date: 03101986  
Comments: HYDROCARBONS, SULFER BAUXITE, DISTILLATION HEAVY ENDS FROM  
Comments Date: 03101986  
Comments: VINYL CHLOR & ETHYLENE DICHLORIDE PROD. WASTEWATER PH IS 10.5.  
Comments Date: 03101986  
Comments: VAPORS OF CHLORINE, HYDROGEN, CHLORIDE, DISCHLOROETHANE  
Comments Date: 03101986  
Comments: REMOVED BY SCRUBBER & DISC TO SEWER. CURRENTLY WORKING ON A  
Comments Date: 03101986  
Comments: CLOSURE PLAN W/DHS.  
Comments Date: 03161981  
Comments: FACILITY IDENTIFIED LA COUNTY ENGINEER'S FILE #04706  
Comments Date: 03211960  
Comments: INSPECTION(LOCAL) CO ENGR. VIO-DISCH OF CHLORIDE. TEMPER-  
Comments Date: 03211960  
Comments: ATURE 7 PH IN VIO.  
Comments Date: 03211960  
Comments: ENFORCEMENT(OTHER) CO ENGR. VIO IN ITEM 15.  
Comments Date: 03301986  
Comments: SUBMIT TO U.S. EPA.  
Comments Date: 03311981  
Comments: FACILITY DRIVE-BY ACTIVE CHEMICAL COMPANY  
Comments Date: 04021981  
Comments: FACILITY DRIVE-BY ASP SITE VISIT, NO INSP WAS COMPLETED.  
Comments Date: 04031995  
Comments: THE RI WORKPLAN AND PUBLIC PARTICIPATION PLAN WERE APPROVED IN  
Comments Date: 04031995  
Comments: FEBRUARY OF 1995.  
Comments Date: 04081976  
Comments: INSPECTION(LOCAL) CO HLTH. POTNTIAL HZD PRESENT-VC,CHLORIN  
Comments Date: 04081976  
Comments: EDC & OTHERS.  
Comments Date: 04151982  
Comments: LA CO ENG INDEX 4706, PERMIT 5505J CURR  
Comments Date: 04151982  
Comments: LA CO SANIT PERMIT IW 5505J  
Comments Date: 04171978

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Comments: INSPECTION(STATE) AIR RESOURCE BOARD. SAMPLE SHOWED HIGH  
Comments Date: 04171978  
Comments: CONCENTRATION OF VINYL CHLORIDE.  
Comments Date: 04181997  
Comments: The May 1997 Fact Sheet #2 was completed.  
Comments Date: 04251995  
Comments: TSD facility--large quantity generator.  
Comments Date: 04261995  
Comments: 5-20-TSD. CAD 020764050/NO WATERBOARD VGT PROGRAM.  
Comments Date: 04301997  
Comments: Draft RAP for the soil operable unit was completed.  
Comments Date: 05131981  
Comments: INSPECTION(STATE) INSP COMPLETED.SITE REGULATED.  
Comments Date: 06251997  
Comments: DTSC approved soil RAP and Negative Declaration. The selected  
Comments Date: 06251997  
Comments: alternative addresses the soil operable unit as an interim  
Comments Date: 06251997  
Comments: measure. The project includes vapor and liquid extraction with  
Comments Date: 06251997  
Comments: vapor and liquid treatment for soils. The interim cleanup  
Comments Date: 06251997  
Comments: number for 1,2, DCA is 20 ppm.  
Comments Date: 07032002  
Comments: Nine on-site GW wells were installed from March to July to  
Comments Date: 07032002  
Comments: aid in vertical characterization of groundwater contamination.  
Comments Date: 07071994  
Comments: Consent Order signed, 01/30/97 RI/FS for soil approved.  
Comments Date: 07091999  
Comments: Field work started in the eastern portion of the property to  
Comments Date: 07091999  
Comments: install a deep well in the E-zone, well 9E, and CPT will be  
Comments Date: 07091999  
Comments: done.  
Comments Date: 08031982  
Comments: FACILITY DRIVE-BY ASP. NO SIGN OF ON-SITE DISP.  
Comments Date: 08031982  
Comments: PRE LOC: 23208 S.ALAMEDA(#19-28-0130)  
Comments Date: 08071985  
Comments: FACILITY DRIVE-BY ASAP. U/G TANKS, REMOVAL OF SOME STRUCTR  
Comments Date: 08071985  
Comments: FACILITY INACTIVE.  
Comments Date: 08211998  
Comments: Air Permit was issued by SCAQMD. On 08/25/98, the oxidizer  
Comments Date: 08211998  
Comments: will be calibrated and be prepared to run using propane.  
Comments Date: 08211998  
Comments: On 08/27/98, RP will start connecting wells to the system by  
Comments Date: 08211998  
Comments: early September, RP will be starting up the system for soil O.U.  
Comments Date: 09231999  
Comments: DTSC received revised GW Health Risk Assessment and is under  
Comments Date: 09231999  
Comments: review.  
Comments Date: 09251978  
Comments: ENFORCEMENT(OTHER) RWQCB. LETTER-POSSIBLE ISSUANCE OF OTC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Comments Date: 09251978  
Comments: DISCH IN EXCESS OF LIMIT FOR OIL,GREASE,  
Comments Date: 09301997  
Comments: DTSC received draft Design Plans and Implementation Plans for  
Comments Date: 09301997  
Comments: review and comment.  
Comments Date: 10021979  
Comments: ENFORCEMENT(OTHER) LACSD. FAILURE TO IMPLEMENT REVIED  
Comments Date: 10021979  
Comments: INDUST WASTE DISCH REQ.  
Comments Date: 12081981  
Comments: ENFORCEMENT(OTHER) LACSD. NOV. IMPLEMENT REVISED INDUST  
Comments Date: 12081981  
Comments: WASTEWATER DISCH REQ FOR ETHYLENE DICHLR  
Comments Date: 12131983  
Comments: INSPECTION(STATE) DHS/FPU. INSP OF EMPTY TANKS. REQ OF  
Comments Date: 12131983  
Comments: CHAR PLAN. SUBMITTED ON 1/85.  
Comments Date: 12311997  
Comments: Soil remedial Design and Implementation Plans were approved by  
Comments Date: 12311997  
Comments: DTSC.  
ID Name: CALSTARS CODE  
ID Value: 400264  
ID Name: HWIS IDENTIFICATION CODE  
ID Value: CAD076941103  
ID Name: EPA IDENTIFICATION NUMBER  
ID Value: CAD076941103  
Alternate Name: STAUFFER CHEMICAL, CARSON  
Alternate Name: AMERICAN CHEMICAL CORP (1959-1975)  
Alternate Name: STAUFFER MANAGEMENT COMPANY (1987-CURREN  
Alternate Name: ATKEMIX 37 INC.  
Alternate Name: ASTRA ZENECA  
Alternate Name: Not reported  
Special Programs Code: C104  
Special Programs Name: CERCLA 104

**HIST UST:**

Name: STAUFFER CHEMICAL COMPANY  
Address: 2112 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90745  
File Number: 00028875  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028875.pdf>  
Region: STATE  
Facility ID: 00000003022  
Facility Type: Other  
Other Type: PETROCHEMICAL  
Contact Name: W. F. STIEF  
Telephone: 2138348571  
Owner Name: STAUFFER CHEMICAL COMPANY  
Owner Address: NYALA FARM ROAD  
Owner City,St,Zip: WESTPORT, CT 06881  
Total Tanks: 0010  
  
Tank Num: 001  
Container Num: T-612  
Year Installed: 1962

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: T-613  
Year Installed: 1974  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: TANK FARM  
Year Installed: 1965  
Tank Capacity: 00325000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 16  
Leak Detection: Visual

Tank Num: 004  
Container Num: 1  
Year Installed: 1959  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 10  
Leak Detection: Visual

Tank Num: 005  
Container Num: 2  
Year Installed: 1959  
Tank Capacity: 00024000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 10  
Leak Detection: Visual

Tank Num: 006  
Container Num: 5  
Year Installed: 1964  
Tank Capacity: 00014000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 15  
Leak Detection: Visual

Tank Num: 007  
Container Num: 4  
Year Installed: 1962  
Tank Capacity: 00021000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Container Construction Thickness: 12  
Leak Detection: Visual

Tank Num: 008  
Container Num: #3 SUMP  
Year Installed: 1978  
Tank Capacity: 00097000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 15  
Leak Detection: Visual

Tank Num: 009  
Container Num: 6  
Year Installed: 1959  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 12  
Leak Detection: Visual

Tank Num: 010  
Container Num: 7  
Year Installed: 1978  
Tank Capacity: 00009000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: Visual

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

**2020 COR ACTION:**

EPA ID: CAD076941103  
Region: 9  
Action: Remedy Construction

**HWP:**

Name: STAUFFER MANAGEMENT COMPANY LLC  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
EPA Id: CAD076941103  
Cleanup Status: UNDERGOING CLOSURE  
Latitude: 33.82332  
Longitude: -118.2345  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 64  
Senate District: 35  
Public Information Officer: Not reported  
Public Information Officer: Not reported

**Activities:**

EPA Id: CAD076941103

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT COMPANY LLC (Continued)**

**1000424829**

Facility Type: Historical - Non-Operating  
Unit Names: INCINERTR, TANKSTR1, TANKSTR2, TANKTRT1, TANKTRT2  
Event Description: New Operating Permit - APPLICATION PART A RECEIVED  
Actual Date: 12/13/1980

Closure:

EPA Id: CAD076941103  
Facility Type: Historical - Non-Operating  
Unit Names: INCINERTR, TANKSTR1, TANKSTR2, TANKTRT1, TANKTRT2  
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY  
Actual Date: 06/27/1994

EPA Id: CAD076941103  
Facility Type: Historical - Non-Operating  
Unit Names: INCINERTR, TANKSTR1, TANKSTR2, TANKTRT1, TANKTRT2  
Event Description: Closure - CLOSURE PLAN RECEIVED  
Actual Date: 06/17/1983

Alias:

EPA Id: CAD076941103  
Facility Type: Historical - Non-Operating  
Alias Type: Envirostor ID Number  
Alias: 19280083

CERS:

Name: CITY OF CARSON - ATKEMIX THIRTY SEVEN INC.  
Address: 2112 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Site ID: 257695  
CERS ID: SLT43298296  
CERS Description: Cleanup Program Site

**A6  
Target  
Property**

**STAUFFER MANAGEMENT CO  
2112 E 223RD ST  
CARSON, CA 90745**

**CA LOS ANGELES CO. HMS S105053239  
N/A**

**Site 6 of 10 in cluster A**

**Actual:  
23 ft.**

LOS ANGELES CO. HMS:  
Name: STAUFFER MANAGEMENT CO  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Region: LA  
Permit Category: I  
Facility Id: 004533-104706  
Facility Type: 02  
Facility Status: Permit  
Area: 22  
Permit Number: 000005096  
Permit Status: Closed

Name: STAUFFER MANAGEMENT CO  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Region: LA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**S105053239**

Permit Category: I  
Facility Id: 004533-104706  
Facility Type: 02  
Facility Status: Permit  
Area: 22  
Permit Number: 00005096R  
Permit Status: Permit

**A7  
Target  
Property**

**CITY OF CARSON - ATKEMIX THIRTY SEVEN INC.  
2112 E. 223RD ST  
CARSON, CA 90745**

**FINDS 1023224611  
N/A**

**Site 7 of 10 in cluster A**

**Actual:  
23 ft.**

**FINDS:**

Registry ID: 110065111783  
Environmental Interest/Information System  
STATE MASTER

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

**A8  
Target  
Property**

**STAUFFER CHEMICAL CO  
2112 E 223RD ST  
CARSON, CA 90745**

**CA LOS ANGELES CO. HMS S105053240  
CA WDS N/A**

**Site 8 of 10 in cluster A**

**Actual:  
23 ft.**

**LOS ANGELES CO. HMS:**

Name: STAUFFER CHEMICAL CO  
Address: 2112 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Region: LA  
Permit Category: T  
Facility Id: 004533-004706  
Facility Type: 0  
Facility Status: Removed  
Area: 22  
Permit Number: 000074077  
Permit Status: Removed

**WDS:**

Name: STAUFFER MANAGEMENT CO. LLC  
Address: 2112 E 223rd St  
City: CARSON  
Facility ID: Los Angeles River 197200018  
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: Not reported  
Subregion: 4  
Facility Telephone: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STAUFFER CHEMICAL CO (Continued)**

**S105053240**

Facility Contact: Not reported  
 Agency Name: STAUFFER MANAGEMENT CO. LLC  
 Agency Address: Not reported  
 Agency City,St,Zip: 0  
 Agency Contact: Not reported  
 Agency Telephone: Not reported  
 Agency Type: Private  
 SIC Code: 0  
 SIC Code 2: Not reported  
 Primary Waste Type: Not reported  
 Primary Waste: Not reported  
 Waste Type2: Not reported  
 Waste2: Not reported  
 Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Design Flow: 0  
 Baseline Flow: 0  
 Reclamation: No reclamation requirements associated with this facility.  
 POTW: The facility is not a POTW.  
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
 Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.

**A9  
 Target  
 Property**

**STAUFFER MANAGEMENT CO  
 2112 0223RD ST E  
 CARSON, CA**

**CA RGA LUST S114695878  
 N/A**

**Site 9 of 10 in cluster A**

**Actual:  
 23 ft.**

RGA LUST:  
 Name: STAUFFER MANAGEMENT CO  
 Address: 2112 0223RD ST E  
 City: CARSON  
 State: CARSON  
 1998 STAUFFER MANAGEMENT CO 2112 0223RD ST E  
 Name: STAUFFER MANAGEMENT CO  
 Address: 2112 0223RD ST E  
 City: CARSON  
 State: CARSON  
 1997 STAUFFER MANAGEMENT CO 2112 0223RD ST E



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO., LLC (Continued)**

**S123511845**

Violation Date: 08-23-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: late submittal (1 day)  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2014: Failure to report &quot;VFA&quot; at Unit D Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2014: Failure to report &quot;VFA&quot; at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2015: Failure to report &quot;VFA&quot; at Unit C Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2014: Failure to report &quot;VFA&quot; at Unit D Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO., LLC (Continued)**

**S123511845**

Violation Notes: 3Q 2014: Failure to report "VFA" at Unit A Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2016: Failure to report "VFA" at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2015: Failure to report "VFA" at Unit D Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2016: Failure to report "VFA" at Unit C Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2014: Failure to report "VFA" at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2016: Failure to report "VFA" at Unit D Wells as required by MRP.  
Violation Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO., LLC (Continued)**

**S123511845**

Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 10-21-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: None submittal  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2016: Failure to report "VFA" at Unit D Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 09-24-2012  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Non-submittal  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2016: Failure to report "Dissolved CO2" at Unit D Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2017: Failure to report "VFA" at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO., LLC (Continued)**

**S123511845**

Site Name: Stauffer Management Co., LLC  
Violation Date: 03-19-2004  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Deficient 4Q03 DMR: 1,2-dichloroethane, vinyl chloride, chloride not reported monthly for Oct & Nov.  
Violation Division: Water Boards  
Violation Program: WDR  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2015: Failure to report "VFA" at Unit A Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 10-21-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q2010; The report was due on 10/15/2010 and the report was received on 11/19/2010. the report was 35 days late.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2016: Failure to report "Dissolved CO2" at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2012: Failure to report "VFA" at Unit C Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO., LLC (Continued)**

**S123511845**

Violation Description: Not reported  
Violation Notes: 1Q 2017: Failure to report "Dissolved CO2" at Unit A Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2016: Failure to report "VFA" at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2015: Failure to report "VFA" at Unit D Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2012: Failure to report "VFA" at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2017: Failure to report "Dissolved CO2" at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2012: Failure to report "VFA" at Unit A Wells as required by MRP.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO., LLC (Continued)**

**S123511845**

Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2016: Failure to report "VFA" at Unit A Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2015: Failure to report "VFA" at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2016: Failure to report "VFA" at Unit C Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2017: Failure to report "Dissolved CO2" at Unit D Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2016: Failure to report "Dissolved CO2" at Unit C Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO., LLC (Continued)**

**S123511845**

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2017: Failure to report "Dissolved CO2" at Unit C Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2014: Failure to report "VFA" at Unit A Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 3Q 2014: Failure to report "VFA" at Unit C Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2014: Failure to report "VFA" at Unit C Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2017: Failure to report "VFA" at Unit A Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO., LLC (Continued)**

**S123511845**

Violation Description: Not reported  
Violation Notes: 1Q 2015: Failure to report "VFA" at Unit B Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2016: Failure to report "Dissolved CO2" at Unit A Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2015: Failure to report "VFA" at Unit A Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

Site ID: 353461  
Site Name: Stauffer Management Co., LLC  
Violation Date: 08-17-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1Q 2017: Failure to report "VFA" at Unit D Wells as required by MRP.  
Violation Division: Water Boards  
Violation Program: WDRNONMUNI  
Violation Source: CIWQS

**NPL  
Region  
West  
1/8-1/4  
1182 ft.**

**MONTROSE CHEMICAL CORP.  
20201 S NORMANDIE AVE  
TORRANCE, CA 90502**

**NPL 1000420366  
SEMS CAD008242711  
RCRA-LQG  
US ENG CONTROLS  
US INST CONTROL  
ROD  
PRP  
ICIS  
CONSENT  
FINDS**

NPL:  
Name: MONTROSE CHEMICAL CORP.  
Address: 20201 S NORMANDIE AVE  
City,State,Zip: TORRANCE, CA 90502  
EPA ID: CAD008242711  
EPA Region: 9  
Federal: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Final Date: 1989-10-04 00:00:00  
Site ID: 900993  
Latitude: 33.848331000000002  
Site Score: 32.100000000000001  
Longitude: -118.2983

NPL:  
EPA ID: CAD008242711  
NPL Status: Currently on the Final NPL  
Category Description: Depth To Aquifer-> 100 Feet  
Category Value: 400

EPA ID: CAD008242711  
NPL Status: Currently on the Final NPL  
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile  
Category Value: 100

NPL:  
EPA ID: CAD008242711  
Site ID: 0900993  
Site Status: F  
Federal Site: N  
EPA Region: 09  
Date Proposed: 10/15/84  
Date Deleted: Not reported  
Date Finalized: 10/04/89

NPL:  
EPA ID: CAD008242711  
NPL Status: Currently on the Final NPL  
Substance ID: Not reported  
Substance: Not reported  
CAS #: Not reported  
Pathway: Not reported  
Scoring: Not reported

EPA ID: CAD008242711  
NPL Status: Currently on the Final NPL  
Substance ID: A023  
Substance: DDE  
CAS #: 72-55-9  
Pathway: AIR PATHWAY  
Scoring: 2

EPA ID: CAD008242711  
NPL Status: Currently on the Final NPL  
Substance ID: U060  
Substance: DDD  
CAS #: 72-54-8  
Pathway: AIR PATHWAY  
Scoring: 2

EPA ID: CAD008242711  
NPL Status: Currently on the Final NPL  
Substance ID: U061  
Substance: DDT  
CAS #: 50-29-3

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Pathway: AIR PATHWAY  
 Scoring: 4

EPA ID: CAD008242711  
 NPL Status: Currently on the Final NPL  
 Substance ID: U061  
 Substance: DDT  
 CAS #: 50-29-3  
 Pathway: GROUND WATER PATHWAY  
 Scoring: 3

EPA ID: CAD008242711  
 NPL Status: Currently on the Final NPL  
 Substance ID: U061  
 Substance: DDT  
 CAS #: 50-29-3  
 Pathway: SURFACE WATER PATHWAY  
 Scoring: 3

**NPL:**

EPA ID: CAD008242711  
 Summary: te sampling of ground water and off-site sampling of soil, sediments, surface water, and ground water. Status November 1988): During July 1986, EPA sampled off-site dust and soil and verified that DDT migrated off-site via aerial dispers

EPA ID: CAD008242711  
 Summary: ion. In November 1986, Montrose completed Phase I sampling under Part II of the RI. Results indicated that soils near the site are contaminated with high levels of DDT, and that the two shallower aquifers in the four-aquifer system underlying th

EPA ID: CAD008242711  
 Summary: Conditions at proposal (October 15, 1984): Montrose Chemical Corp. manufactured DDT on a 13-acre site in a light industrial/residential area of Torrance, Los Angeles County, California, from 1947 until 1982. About 3,000 people live or work w

EPA ID: CAD008242711  
 Summary: e site are contaminated with DDT and monochloroben ene. In October 1987, EPA and Montrose signed an amendment to the October 1985 Administrative Order, calling for both on- and off-site sampling of the two deeper aquifers in the four-aqui

EPA ID: CAD008242711  
 Summary: fer system. Status October 4, 1989): In July 1989, EPA and Montrose signed a second amendment to the original order, under which Montrose will conduct the FS for the overall site and evaluate options for removing DDT-contaminated sedime

EPA ID: CAD008242711  
 Summary: nts in the sanitary sewer lines near the site. Sampling conducted under the first amended order indicates that ground water is contaminated with high levels of monochloroben ene 0.25 mile downgradient from the site. Deep wells and additio

EPA ID: CAD008242711



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Longitude: -118.298300  
FF: N  
NPL: Currently on the Final NPL  
Non NPL Status: Not reported

SEMS Detail:

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 01  
Action Code: ED  
Action Name: R/H ASMT  
SEQ: 1  
Start Date: 1992-03-01 05:00:00  
Finish Date: 5/1/2017 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: AR  
Action Name: ADMIN REC  
SEQ: 4  
Start Date: 2000-03-24 05:00:00  
Finish Date: Not reported  
Qual: V  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: CR  
Action Name: CI  
SEQ: 4  
Start Date: 2004-09-10 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Action Code: TG  
Action Name: TA GRANT  
SEQ: 1  
Start Date: 2000-04-07 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 06  
Action Code: CO  
Action Name: RI/FS  
SEQ: 4  
Start Date: 2005-10-01 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 03  
Action Code: BE  
Action Name: PRP RD  
SEQ: 2  
Start Date: 2003-05-27 04:00:00  
Finish Date: 9/19/2012 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 02  
Action Code: RI  
Action Name: RI  
SEQ: 3  
Start Date: 1985-01-01 06:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

NPL: F  
FF: N  
OU: 05  
Action Code: RD  
Action Name: RD  
SEQ: 5  
Start Date: 2009-07-22 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: TA  
Action Name: TECH ASSIST  
SEQ: 1  
Start Date: 2001-04-03 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 05  
Action Code: CO  
Action Name: RI/FS  
SEQ: 3  
Start Date: 2003-07-17 04:00:00  
Finish Date: 5/27/2009 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 05  
Action Code: RO  
Action Name: ROD  
SEQ: 4  
Start Date: 2009-09-30 04:00:00  
Finish Date: 9/30/2009 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 05  
Action Code: AR  
Action Name: ADMIN REC  
SEQ: 6  
Start Date: 2004-11-30 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 03  
Action Code: RD  
Action Name: RD  
SEQ: 2  
Start Date: 1999-08-01 04:00:00  
Finish Date: 5/27/2003 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 04  
Action Code: CO  
Action Name: RI/FS  
SEQ: 2  
Start Date: 1994-03-02 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: CR  
Action Name: CI  
SEQ: 3  
Start Date: 2001-02-15 05:00:00  
Finish Date: Not reported  
Qual: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: AR  
Action Name: ADMIN REC  
SEQ: 5  
Start Date: 2000-08-24 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: AR  
Action Name: ADMIN REC  
SEQ: 2  
Start Date: 1994-06-28 04:00:00  
Finish Date: 6/28/1994 4:00:00 AM  
Qual: V  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 01  
Action Code: ED  
Action Name: R/H ASMT  
SEQ: 2  
Start Date: 1992-03-01 05:00:00  
Finish Date: 5/1/2017 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 06  
Action Code: NA  
Action Name: PRP RI  
SEQ: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Start Date: 2006-07-05 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 01  
Action Code: OM  
Action Name: OM  
SEQ: 7  
Start Date: 2002-03-06 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: CR  
Action Name: CI  
SEQ: 5  
Start Date: 2010-05-19 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 07  
Action Code: BD  
Action Name: PRP RI/FS  
SEQ: 3  
Start Date: 2008-09-24 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Action Code: MA  
Action Name: ST COOP  
SEQ: 2  
Start Date: 2010-10-07 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 01  
Action Code: TS  
Action Name: TRTSTUDY  
SEQ: 1  
Start Date: 1992-06-01 04:00:00  
Finish Date: 8/12/1994 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: CR  
Action Name: CI  
SEQ: 2  
Start Date: 1997-08-14 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 03  
Action Code: BF  
Action Name: PRP RA  
SEQ: 1  
Start Date: 2012-09-19 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

NPL: F  
FF: N  
OU: 01  
Action Code: RI  
Action Name: RI  
SEQ: 1  
Start Date: 1985-01-01 06:00:00  
Finish Date: 4/30/1986 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 03  
Action Code: FS  
Action Name: FS  
SEQ: 3  
Start Date: 1997-08-14 04:00:00  
Finish Date: 3/30/1999 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: MA  
Action Name: ST COOP  
SEQ: 1  
Start Date: 1989-04-30 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 05  
Action Code: RD  
Action Name: RD  
SEQ: 16  
Start Date: 2013-08-22 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 05  
Action Code: RA  
Action Name: RA  
SEQ: 13  
Start Date: 2009-09-30 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 05  
Action Code: RA  
Action Name: RA  
SEQ: 14  
Start Date: 2013-09-03 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: CR  
Action Name: CI  
SEQ: 6  
Start Date: 2016-04-19 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 06  
Action Code: BD  
Action Name: PRP RI/FS  
SEQ: 4  
Start Date: 2016-11-04 04:00:00  
Finish Date: Not reported  
Qual: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: FE  
Action Name: 5 YEAR  
SEQ: 1  
Start Date: 2013-09-12 05:00:00  
Finish Date: 8/28/2014 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 03  
Action Code: RO  
Action Name: ROD  
SEQ: 2  
Start Date: 1999-03-30 05:00:00  
Finish Date: 3/30/1999 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 01  
Action Code: NK  
Action Name: PRP FS  
SEQ: 3  
Start Date: 1998-01-08 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 03  
Action Code: NK  
Action Name: PRP FS  
SEQ: 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Start Date: 1985-10-28 06:00:00  
Finish Date: 8/14/1997 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 01  
Action Code: RI  
Action Name: RI  
SEQ: 2  
Start Date: 1998-01-08 05:00:00  
Finish Date: 5/18/1998 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 03  
Action Code: AR  
Action Name: ADMIN REC  
SEQ: 3  
Start Date: 1998-05-01 04:00:00  
Finish Date: 6/30/1998 4:00:00 AM  
Qual: E  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: AR  
Action Name: ADMIN REC  
SEQ: 1  
Start Date: 1991-06-05 04:00:00  
Finish Date: 6/5/1991 4:00:00 AM  
Qual: V  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 01



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Action Code: BD  
Action Name: PRP RI/FS  
SEQ: 2  
Start Date: 1986-10-10 04:00:00  
Finish Date: 1/8/1998 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: FE  
Action Name: 5 YEAR  
SEQ: 2  
Start Date: 2018-11-19 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 03  
Action Code: NK  
Action Name: PRP FS  
SEQ: 4  
Start Date: 1998-01-08 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 04  
Action Code: PD  
Action Name: SITE SEC  
SEQ: 1  
Start Date: 2008-08-29 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

NPL: F  
FF: N  
OU: 00  
Action Code: CR  
Action Name: CI  
SEQ: 1  
Start Date: 1985-01-02 06:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 03  
Action Code: OM  
Action Name: OM  
SEQ: 2  
Start Date: 1998-09-30 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 06  
Action Code: BB  
Action Name: PRP RV  
SEQ: 3  
Start Date: 2006-01-17 05:00:00  
Finish Date: 1/17/2006 5:00:00 AM  
Qual: S  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 04  
Action Code: RV  
Action Name: RMVL  
SEQ: 5  
Start Date: 2007-12-03 05:00:00  
Finish Date: 2/21/2008 5:00:00 AM  
Qual: C  
Current Action Lead: EPA Perf

Region: 09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 04  
Action Code: RV  
Action Name: RMVL  
SEQ: 3  
Start Date: 2001-05-08 04:00:00  
Finish Date: 9/26/2002 4:00:00 AM  
Qual: C  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 04  
Action Code: RV  
Action Name: RMVL  
SEQ: 4  
Start Date: 2001-04-12 04:00:00  
Finish Date: 3/6/2002 5:00:00 AM  
Qual: C  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 02  
Action Code: EE  
Action Name: EE/CA  
SEQ: 3  
Start Date: 2008-06-04 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: RC  
Action Name: RVL CRP  
SEQ: 1  
Start Date: 1994-04-11 04:00:00  
Finish Date: 9/24/1998 4:00:00 AM  
Qual: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Current Action Lead: EPA Perf  
  
Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: RS  
Action Name: RV ASSESS  
SEQ: 1  
Start Date: 1990-08-01 04:00:00  
Finish Date: 8/1/1990 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: EE  
Action Name: EE/CA  
SEQ: 2  
Start Date: 1996-07-09 04:00:00  
Finish Date: 9/28/2001 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: RS  
Action Name: RV ASSESS  
SEQ: 2  
Start Date: 1991-12-11 05:00:00  
Finish Date: 12/11/1991 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: BB  
Action Name: PRP RV  
SEQ: 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Start Date: 1988-02-19 05:00:00  
Finish Date: 3/31/1999 5:00:00 AM  
Qual: C  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: RV  
Action Name: RMVL  
SEQ: 2  
Start Date: 1994-03-24 05:00:00  
Finish Date: 9/30/2009 4:00:00 AM  
Qual: S  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: RV  
Action Name: RMVL  
SEQ: 1  
Start Date: 1994-04-11 04:00:00  
Finish Date: 6/30/1999 4:00:00 AM  
Qual: C  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: BB  
Action Name: PRP RV  
SEQ: 1  
Start Date: 1988-02-19 05:00:00  
Finish Date: 6/21/1989 4:00:00 AM  
Qual: C  
Current Action Lead: EPA Ovrsght

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Action Code: SI  
Action Name: SI  
SEQ: 1  
Start Date: 1984-04-01 06:00:00  
Finish Date: 4/1/1984 6:00:00 AM  
Qual: H  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: NF  
Action Name: NPL FINL  
SEQ: 1  
Start Date: 1989-10-04 04:00:00  
Finish Date: 10/4/1989 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: NP  
Action Name: PROPOSED  
SEQ: 1  
Start Date: 1984-10-15 05:00:00  
Finish Date: 10/15/1984 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1980-01-01 05:00:00  
Finish Date: 1/1/1980 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

NPL: F  
FF: N  
OU: 00  
Action Code: HR  
Action Name: HAZRANK  
SEQ: 1  
Start Date: 1988-06-01 04:00:00  
Finish Date: 6/1/1988 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900993  
EPA ID: CAD008242711  
Site Name: MONTROSE CHEMICAL CORP.  
NPL: F  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: 1984-04-01 06:00:00  
Finish Date: 4/1/1984 6:00:00 AM  
Qual: H  
Current Action Lead: EPA Perf

**RCRA-LQG:**

Date form received by agency: 02/12/2016  
Facility name: MONTROSE CHEMICAL COMPANY OF CALIFORNIA  
Facility address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502  
EPA ID: CAD008242711  
Mailing address: ERICKSEN AVENUE NE, SUITE 380  
BAINBRIDGE ISLAND, WA 98110  
Contact: MICHAEL A PALMER  
Contact address: SCOTT STREET, SUITE 104  
SAN DIEGO, CA 92106  
Contact country: US  
Contact telephone: 619-546-8377  
Contact email: MPALMER@DEMAXIMIS.COM  
EPA Region: 09  
Land type: Private  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Owner/Operator Summary:

Owner/operator name: MONTROSE CHEMICAL CORPORATION OF CALIFOR  
Owner/operator address: ERICKSEN AVENUE NE, SUITE 380  
BAINBRIDGE ISLAND, WA 98110  
Owner/operator country: US  
Owner/operator telephone: 619-546-8377  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1947  
Owner/Op end date: Not reported

Owner/operator name: MONTROSE CHEMICAL COMPANY OF CALIFORNIA  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1947  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/01/2014  
Site name: MONTROSE CHEMICAL COMPANY OF CALIFORNIA  
Classification: Large Quantity Generator

Date form received by agency: 06/15/2010  
Site name: MONTROSE CHEMICAL CORPORATION OF CALIFORNIA  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: MONTROSE CHEM CORP OF CA  
Classification: Large Quantity Generator



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Date form received by agency: 09/01/1996  
Site name: MONTROSE CHEM CORP OF CA  
Classification: Small Quantity Generator

Date form received by agency: 08/07/1980  
Site name: MONTROSE CHEM CORP OF CA  
Classification: Large Quantity Generator

Hazardous Waste Summary:

- . Waste code: 135
- . Waste name: Unspecified aqueous solution
  
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
  
- . Waste code: 351
- . Waste name: Organic solids with halogens
  
- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups
  
- . Waste code: 741
- . Waste name: Liquids with halogenated organic compounds > 1000 mg/l
  
- . Waste code: 751
- . Waste name: Solids or sludge with halogenated organic comp. > 1000 mg/kg
  
- . Waste code: D018
- . Waste name: BENZENE
  
- . Waste code: D021
- . Waste name: CHLORO BENZENE
  
- . Waste code: D022
- . Waste name: CHLOROFORM
  
- . Waste code: U060
- . Waste name: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
  
- . Waste code: U061
- . Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

- Waste code: D021
- Waste name: CHLORO BENZENE
- Amount (Lbs): 1352
  
- Waste code: U060
- Waste name: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO-
- Amount (Lbs): 37072
  
- Waste code: U061

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO-  
Amount (Lbs): 37072

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/17/1982  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 12/22/1980  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Site:

Name: MONTROSE CHEMICAL CORP.  
Address: 20201 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: TORRANCE, CA 90502  
Event Code: Not reported  
Action Taken Date: 09/30/2015  
EPA ID: CAD008242711  
Site ID: 0900993  
Action Name: RECORD OF DECISION  
Action ID: 001  
Operable Unit: 01  
Action Completion Date: Not reported  
Contaminated Media: Groundwater  
Engineering Control: Aeration  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Media:

Engineering Control: Aeration  
EPA ID: CAD008242711  
Contaminated Media: Groundwater  
Site ID: 0900993  
Action ID: 001  
Action Completion Date: Not reported  
Operable Unit: 01  
Action Name: RECORD OF DECISION  
Action Taken Date: 09/30/2015  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Air Stripping  
EPA ID: CAD008242711  
Contaminated Media: Groundwater  
Site ID: 0900993  
Action ID: 002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Action Completion Date: 03/30/1999  
Operable Unit: 03  
Action Name: RECORD OF DECISION  
Action Taken Date: 03/31/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Carbon Adsorption  
EPA ID: CAD008242711  
Contaminated Media: Groundwater  
Site ID: 0900993  
Action ID: 002  
Action Completion Date: 03/30/1999  
Operable Unit: 03  
Action Name: RECORD OF DECISION  
Action Taken Date: 03/31/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Containment, (N.O.S.)  
EPA ID: CAD008242711  
Contaminated Media: Groundwater  
Site ID: 0900993  
Action ID: 002  
Action Completion Date: 03/30/1999  
Operable Unit: 03  
Action Name: RECORD OF DECISION  
Action Taken Date: 03/31/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Discharge  
EPA ID: CAD008242711  
Contaminated Media: Groundwater  
Site ID: 0900993  
Action ID: 002  
Action Completion Date: 03/30/1999  
Operable Unit: 03  
Action Name: RECORD OF DECISION  
Action Taken Date: 03/31/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Extraction  
EPA ID: CAD008242711  
Contaminated Media: Groundwater  
Site ID: 0900993  
Action ID: 002  
Action Completion Date: 03/30/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Operable Unit: 03  
Action Name: RECORD OF DECISION  
Action Taken Date: 03/31/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Monitoring  
EPA ID: CAD008242711  
Contaminated Media: Groundwater  
Site ID: 0900993  
Action ID: 002  
Action Completion Date: 03/30/1999  
Operable Unit: 03  
Action Name: RECORD OF DECISION  
Action Taken Date: 03/31/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Natural Attenuation  
EPA ID: CAD008242711  
Contaminated Media: Groundwater  
Site ID: 0900993  
Action ID: 002  
Action Completion Date: 03/30/1999  
Operable Unit: 03  
Action Name: RECORD OF DECISION  
Action Taken Date: 03/31/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Precipitation  
EPA ID: CAD008242711  
Contaminated Media: Groundwater  
Site ID: 0900993  
Action ID: 002  
Action Completion Date: 03/30/1999  
Operable Unit: 03  
Action Name: RECORD OF DECISION  
Action Taken Date: 03/31/1999  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Monitored Natural Attenuation  
EPA ID: CAD008242711  
Contaminated Media: Fish Tissue  
Site ID: 0900993  
Action ID: 004  
Action Completion Date: 09/30/2009  
Operable Unit: 05

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Action Name: RECORD OF DECISION  
Action Taken Date: 09/30/2009  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Cap  
EPA ID: CAD008242711  
Contaminated Media: Sediment  
Site ID: 0900993  
Action ID: 004  
Action Completion Date: 09/30/2009  
Operable Unit: 05

Action Name: RECORD OF DECISION  
Action Taken Date: 09/30/2009  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Monitored Natural Recovery  
EPA ID: CAD008242711  
Contaminated Media: Sediment  
Site ID: 0900993  
Action ID: 004  
Action Completion Date: 09/30/2009  
Operable Unit: 05  
Action Name: RECORD OF DECISION  
Action Taken Date: 09/30/2009  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Monitoring  
EPA ID: CAD008242711  
Contaminated Media: Sediment  
Site ID: 0900993  
Action ID: 004  
Action Completion Date: 09/30/2009  
Operable Unit: 05  
Action Name: RECORD OF DECISION  
Action Taken Date: 09/30/2009  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Engineering Control: Subaqueous Sediment Cap  
EPA ID: CAD008242711  
Contaminated Media: Sediment  
Site ID: 0900993  
Action ID: 004  
Action Completion Date: 09/30/2009  
Operable Unit: 05  
Action Name: RECORD OF DECISION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Action Taken Date: 09/30/2009  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
  
Engineering Control: Monitoring  
EPA ID: CAD008242711  
Contaminated Media: Surface Water  
Site ID: 0900993  
Action ID: 004  
Action Completion Date: 09/30/2009  
Operable Unit: 05  
Action Name: RECORD OF DECISION  
Action Taken Date: 09/30/2009  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

**US INST CONTROL:**

Name: MONTROSE CHEMICAL CORP.  
Address: 20201 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: TORRANCE, CA 90502  
EPA ID: CAD008242711  
Site ID: 0900993  
Action Name: RECORD OF DECISION  
Action ID: 001  
Operable Unit: 01  
Action Completion Date: Not reported  
Actual Date: 09/30/2015  
Contaminated Media: Groundwater  
Institutional Control: Access Restriction  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Name: MONTROSE CHEMICAL CORP.  
Address: 20201 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: TORRANCE, CA 90502  
EPA ID: CAD008242711  
Site ID: 0900993  
Action Name: RECORD OF DECISION  
Action ID: 002  
Operable Unit: 03  
Action Completion Date: 03/30/1999  
Actual Date: 03/31/1999  
Contaminated Media: Groundwater  
Institutional Control: Deed Restriction  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Name: MONTROSE CHEMICAL CORP.  
Address: 20201 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: TORRANCE, CA 90502  
EPA ID: CAD008242711  
Site ID: 0900993  
Action Name: RECORD OF DECISION  
Action ID: 002  
Operable Unit: 03  
Action Completion Date: 03/30/1999  
Actual Date: 03/31/1999  
Contaminated Media: Groundwater  
Institutional Control: Drilling Restriction  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Name: MONTROSE CHEMICAL CORP.  
Address: 20201 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: TORRANCE, CA 90502  
EPA ID: CAD008242711  
Site ID: 0900993  
Action Name: RECORD OF DECISION  
Action ID: 002  
Operable Unit: 03  
Action Completion Date: 03/30/1999  
Actual Date: 03/31/1999  
Contaminated Media: Groundwater  
Institutional Control: Notices to State Regulators Before Changes in Land Ownership  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Name: MONTROSE CHEMICAL CORP.  
Address: 20201 S NORMANDIE AVE  
Address 2: Not reported  
City,State,Zip: TORRANCE, CA 90502  
EPA ID: CAD008242711  
Site ID: 0900993  
Action Name: RECORD OF DECISION  
Action ID: 002  
Operable Unit: 03  
Action Completion Date: 03/30/1999  
Actual Date: 03/31/1999  
Contaminated Media: Groundwater  
Institutional Control: Water Supply Use Restriction  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

Name: MONTROSE CHEMICAL CORP.  
Address: 20201 S NORMANDIE AVE  
Address 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

City,State,Zip: TORRANCE, CA 90502  
EPA ID: CAD008242711  
Site ID: 0900993  
Action Name: RECORD OF DECISION  
Action ID: 004  
Operable Unit: 05  
Action Completion Date: 09/30/2009  
Actual Date: 09/30/2009  
Contaminated Media: Sediment  
Institutional Control: Fishing Restriction  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported

**ROD:**

EPA ID: CAD008242711  
RG: 9  
Site ID: 900993  
Name: MONTROSE CHEMICAL CORP.  
Action: GOVT Decision Document (ROD)  
Operable Unit Number: GROUNDWATER/NAPL (OU-03)  
SEQ ID: 2  
Action Completion: 1999-03-30 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

EPA ID: CAD008242711  
RG: 9  
Site ID: 900993  
Name: MONTROSE CHEMICAL CORP.  
Action: GOVT Decision Document (ROD)  
Operable Unit Number: PALOS VERDES SHELF (OU-05)  
SEQ ID: 4  
Action Completion: 2009-09-30 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

**PRP:**

EPAID: CAD008242711  
PRP Name: MONTROSE CHEMICAL CORP.  
Site ID: 0900993  
Facility Name: MONTROSE CHEMICAL CORP.  
Facility Address: 20201 S NORMANDIE AVE  
Facility City: TORRANCE  
Facility State: CA  
Facility Zip: 90502  
NPL Status: Currently on the Final NPL  
NPL Status Short Name: Not reported  
PRP Address: 3250 WILSHIRE BLVD.  
PRP City: LOS ANGELES,  
PRP State: CA  
PRP Zip: 90010  
Data Type: SETTLEMENT DATE  
Action Date: 2003-05-08 04:00:00  
Settlement Code: UA-6



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Settlement: UNL ORDR

Action Date: 2000-10-20 04:00:00  
Settlement Code: CD-6  
Settlement: C DECREE

Action Date: 2001-03-15 05:00:00  
Settlement Code: CD-5  
Settlement: C DECREE

Action Date: 2002-06-24 04:00:00  
Settlement Code: CD-7  
Settlement: C DECREE

Action Date: 2002-06-24 04:00:00  
Settlement Code: CD-7  
Settlement: C DECREE

Action Date: 1999-08-20 04:00:00  
Settlement Code: CD-4  
Settlement: C DECREE

Action Date: 1993-04-26 04:00:00  
Settlement Code: CD-1  
Settlement: C DECREE

Action Date: 2002-06-24 04:00:00  
Settlement Code: CD-8  
Settlement: C DECREE

Action Date: 2002-06-24 04:00:00  
Settlement Code: CD-8  
Settlement: C DECREE

Action Date: 1988-02-19 05:00:00  
Settlement Code: UA-1  
Settlement: UNL ORDR

Action Date: 2002-06-24 04:00:00  
Settlement Code: CD-7  
Settlement: C DECREE

**ICIS:**

Enforcement Action ID: 09-2016-2507  
FRS ID: 110002630608  
Action Name: MONTROSE - ECOLOGY CONTROL INDUSTRIES UAO  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502  
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 106  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: 10849  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2016-2507  
FRS ID: 110002630608  
Action Name: MONTROSE - ECOLOGY CONTROL INDUSTRIES UAO  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz  
Facility County: LOS ANGELES  
Program System Acronym: CERCLIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 106  
Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: CAD008242711  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2010-2518  
FRS ID: 110002630608  
Action Name: Montrose/Del Amo Superfund Sites Dual Site Groundwater OU RD/RA  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502

Enforcement Action Type: Civil Judicial Action  
Facility County: LOS ANGELES  
Program System Acronym: CERCLIS  
Enforcement Action Forum Desc: Judicial  
EA Type Code: CIV  
Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: CAD008242711  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2008-2530  
FRS ID: 110002630608  
Action Name: Montrose Chemical AOC with JCI Jones for RI/FS  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502  
Enforcement Action Type: CERCLA 122A/104A Agrmt For RI/FS  
Facility County: LOS ANGELES  
Program System Acronym: CERCLIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 122/104

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: CAD008242711  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2008-2501  
FRS ID: 110002630608  
Action Name: Montrose Chemical - Shell Oil  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz  
Facility County: LOS ANGELES  
Program System Acronym: CERCLIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 106

Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: CAD008242711  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2008-0009  
FRS ID: 110002630608  
Action Name: Montrose Cemical - Kenwood  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz  
Facility County: LOS ANGELES  
Program System Acronym: CERCLIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 106

Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: CAD008242711  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2006-0133  
FRS ID: 110002630608  
Action Name: Montrose Chemical - Normandie (#2)  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz  
Facility County: LOS ANGELES

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 106  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: 10849  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2006-0025  
FRS ID: 110002630608  
Action Name: Montrose Chemical - Normandie (#1)  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 106  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: 10849  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2003-0114  
FRS ID: 110002630608  
Action Name: Montrose Chemical / Del Amo (#2)  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 106  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: 10849  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2003-0060  
FRS ID: 110002630608  
Action Name: Montrose Chemical / Del Amo (#1)  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

TORRANCE, CA 90502  
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 106  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: 10849  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-1998-0169  
FRS ID: 110002630608  
Action Name: MONTROSE - CBS/POTLATCH/SIMPSON  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502

Enforcement Action Type: Civil Judicial Action  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Judicial  
EA Type Code: CIV  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: 10849  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-1997-0048  
FRS ID: 110002630608  
Action Name: MONTROSE - LOS ANGELES COUNTY SANITATION DISTRICT  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502

Enforcement Action Type: Civil Judicial Action  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Judicial  
EA Type Code: CIV  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: 10849  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-1997-0009  
FRS ID: 110002630608

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Action Name: MONTROSE - UAO  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502  
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 106  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: 10849  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-1990-0012  
FRS ID: 110002630608  
Action Name: MONTROSE CHEMICAL CORPORATION OF CALIFORNIA  
Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Facility Address: 20201 SOUTH NORMANDIE AVENUE  
TORRANCE, CA 90502  
Enforcement Action Type: Civil Judicial Action  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Judicial  
EA Type Code: CIV  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.84833  
Longitude in Decimal Degrees: -118.2983  
Permit Type Desc: Not reported  
Program System Acronym: 10849  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

SIC Code:	Not reported
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
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Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Fed Facility: No  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
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SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
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Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
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Fed Facility:	No
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Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Tribal Indicator: N  
Fed Facility: No  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

SIC Code:	2869
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2879
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
Address:	20201 SOUTH NORMANDIE AVENUE
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Fed Facility:	No
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Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
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Tribal Indicator:	N
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Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
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SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Address:	20201 SOUTH NORMANDIE AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5191
Facility Name:	MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)
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Address:	20201 SOUTH NORMANDIE AVENUE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
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Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
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Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2869

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: MONTROSE CHEMICAL (MONTROSE SUPERFUND SITE)  
Address: 20201 SOUTH NORMANDIE AVENUE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 5191

**CONSENT:**

EPA ID: CAD008242711  
Site ID: Not reported  
Case Title: Not reported  
Court Num: Not reported  
District: Not reported  
Entered Date: Not reported  
Name: US V. MONTROSE CHEMICAL CORP.  
Address: 20201 SOUTH NORMANDIE AVENUE  
City: TORRANCE  
County: Not reported  
State: CA  
Zip: 90502

**FINDS:**

Registry ID: 110002630608

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTROSE CHEMICAL CORP. (Continued)**

**1000420366**

Environmental Interest/Information System

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

SUPERFUND NPL

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

HAZARDOUS WASTE BIENNIAL REPORTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

**B11**  
**WNW**  
**< 1/8**  
**0.003 mi.**  
**18 ft.**  
**Relative:**  
**Higher**  
**Actual:**  
**23 ft.**

**STAUFFER MANAGEMENT CO**  
**2201\_E\_223RD ST OFF SITE**  
**CARSON, CA 90810**  
**Site 1 of 6 in cluster B**

**RCRA-SQG 1001217343**  
**CA RESPONSE CAR000032516**  
**CA ENVIROSTOR**  
**CA LUST**  
**CA CPS-SLIC**  
**CA DEED**  
**CA Cortese**  
**CA HAZNET**  
**CA HIST CORTESE**  
**CA CERS**

RCRA-SQG:

Date form received by agency: 10/10/1997  
Facility name: STAUFFER MANAGEMENT CO  
Facility address: 2201\_E\_223RD ST OFF SITE  
CARSON, CA 90810  
EPA ID: CAR000032516  
Mailing address: P O BOX 15438

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Contact: WILMINGTON, DE 19850  
Contact address: CAROL DICKERSON  
P O BOX 15438  
WILMINGTON, DE 19850  
Contact country: US  
Contact telephone: 302-886-5123  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: ATKEMIX THIRTY SEVEN INC  
Owner/operator address: P O BOX 15438  
WILMINGTON, DE 19850  
Owner/operator country: Not reported  
Owner/operator telephone: 302-886-5123  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

**Historical Generators:**

Date form received by agency: 10/10/1997  
Site name: STAUFFER MANAGEMENT CO  
Classification: Large Quantity Generator

Date form received by agency: 10/10/1997  
Site name: STAUFFER MANAGEMENT CO  
Classification: Large Quantity Generator



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Hazardous Waste Summary:

. Waste code: D000  
. Waste name: Not Defined  
  
. Waste code: D028  
. Waste name: 1,2-DICHLOROETHANE

Violation Status: No violations found

RESPONSE:

Name: STAUFFER CHEMICAL, CARSON  
Address: 2112 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90745  
Facility ID: 19280083  
Site Type: State Response  
Site Type Detail: State Response or NPL  
Acres: 14.48  
National Priorities List: NO  
Cleanup Oversight Agencies: DTSC  
Lead Agency Description: \* DTSC  
Project Manager: Isaac Hirbawi  
Supervisor: Maryam Tasnif-Abbasi  
Division Branch: Cleanup Cypress  
Site Code: 400264  
Site Mgmt. Req.: NONE SPECIFIED  
Assembly: 64  
Senate: 35  
Special Program Status: \* Site Char & Assess Grant (CERCLA 104)  
Status: Active  
Status Date: 04/25/1996  
Restricted Use: YES  
Funding: Responsible Party  
Latitude: 33.82323  
Longitude: -118.2356  
APN: NONE SPECIFIED  
Past Use: MANUFACTURING - CHEMICALS  
Potential COC : Vinyl chloride 1,2-Dichloroethane (EDC)  
Confirmed COC: Vinyl chloride 1,2-Dichloroethane (EDC)  
Potential Description: OTH, SOIL  
Alias Name: AMERICAN CHEMICAL CORP (1959-1975)  
Alias Type: Alternate Name  
Alias Name: ASTRA ZENECA  
Alias Type: Alternate Name  
Alias Name: ATKEMIX 37 INC.  
Alias Type: Alternate Name  
Alias Name: STAUFFER MANAGEMENT COMPANY (1987-CURREN  
Alias Type: Alternate Name  
Alias Name: CAD076941103  
Alias Type: EPA Identification Number  
Alias Name: 110000749922  
Alias Type: EPA (FRS #)  
Alias Name: CAD076941103  
Alias Type: HWTS Identification Code  
Alias Name: 400264  
Alias Type: Project Code (Site Code)  
Alias Name: 19280083

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 03/16/1981  
Comments: FACILITY IDENTIFIED LA COUNTY ENGINEER'S FILE #04706

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)  
Completed Date: 06/25/1997  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order  
Completed Date: 06/27/1994  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 10/15/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Amendment - Order/Agreement  
Completed Date: 04/07/1999  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 06/25/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 10/31/2011  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Construction Complete  
Completed Date: 10/20/2011  
Comments: Selected Remedy for the Groundwater Operable Unit is construction and operation of an Enhanced In-situ Bioremediation System (EISB). Full scale operation of the EISB system was initiated on October 20, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 09/04/2013  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/01/2011  
Comments: Annual annual cost estimate for 2012 completed on 11/1/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/05/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 08/12/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 03/08/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/20/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation & Maintenance Order/Agreement  
Completed Date: 06/22/2015  
Comments: .

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/16/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/05/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 09/01/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Date: 10/07/2016  
Comments: FY 2016/2017 ACE completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 03/20/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/07/2019  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/11/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 03/27/2019  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 10/15/2015  
Comments: Stauffer submits the Waste Discharge Report to the RWQCB and no need to send a separate approval letter.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 02/10/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Design  
Completed Date: 02/22/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 05/24/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/20/2017  
Comments: Action completed.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 08/30/2017  
Comments: Action completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 05/24/2017  
Comments: Action completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 08/30/2017  
Comments: Review completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/11/2017  
Comments: Action completed. DTSC submitted comments on July 11, 2017.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 12/07/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/12/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 12/07/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 02/08/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 11/22/2017  
Comments: Action completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Date: 04/27/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 06/27/2018  
Comments: Completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 06/21/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 12/07/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 12/07/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/30/2019  
Comments: Not reported

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot/Treatability Study Report  
Completed Date: 11/28/2007  
Comments: Comments on the Pneumatic Fracturing Pilot Project Report were submitted via email on 11/28/2008

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/05/2008  
Comments: This report was not a milestone document. It was prepared at the request of DTSC so that all the data on past groundwater investigation activities could be found in one report. No formal approval was necessary

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/08/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Document Type: Monitoring Plan  
Completed Date: 01/30/2008  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Plan  
Completed Date: 02/15/2008  
Comments: Approved.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/01/2008  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 04/13/2009  
Comments: Approval Letter for January 30, 2009 Groundwater Feasibility Study Report transmitted to Stauffer Chemical Company on 4/13/2009

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/16/2008  
Comments: Final October 2008 Groundwater Monitoring Report submitted to DTSC on November 11, 2009. DTSC GSU reviewed and had not substantive comments

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/30/2009  
Comments: October GW Monitoring Report submitted to DTSC on November 30, 2009

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/14/2010  
Comments: Stauffer submitted October 2009 quarterly Groundwater Monitoring Report on 10/24/2009

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Deed/LUR Enforcement & Implementation Plan  
Completed Date: 12/21/2005  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/13/2011  
Comments: October 2010 Groundwater Monitoring Report is acceptable to DTSC, no comments were necessary

Completed Area Name: Soil Operable Unit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 05/23/2011  
Comments: Comments on Second Five Year Report were sent to Stauffer on 5/23/2011  
Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/12/2011  
Comments: Monthly Progress Report Submitted on 1/12/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/14/2011  
Comments: Monthly Progress Report submitted on 2/14/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/14/2011  
Comments: February Progress Report was submitted on 3/14/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/12/2011  
Comments: July 2011 Progress Report Submitted on 08/12/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/29/2011  
Comments: Monthly Progress Report Submitted on 7/29/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/29/2011  
Comments: ....

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/19/2011  
Comments: June Progress Report submitted on 7/19/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/19/2011  
Comments: June 2011 Monthly Progress Report submitted on July 19, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Date: 10/14/2011  
Comments: September 2100 Monthly Progress Report was submitted on October 14, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/14/2011  
Comments: August 2011 Monthly Progress Report was submitted on September 14, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/15/2011  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/13/2011  
Comments: April 2011 Quarterly Groundwater Monitoring Report was submitted to DTSC on July 13, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/17/2012  
Comments: Final January 2012 Monthly Progress Report submitted to DTSC on 2/15/2012. No DTSC comment or approval necessary

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/23/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/27/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 05/31/2012  
Comments: April 2012 Monthly Progress Report was submitted to DTSC on 5/31/2012

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/27/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Document Type: Monitoring Report  
Completed Date: 12/27/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/18/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/09/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/18/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Plan  
Completed Date: 04/09/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/26/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/11/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 06/25/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Plan Amendment  
Completed Date: 07/25/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Plan Amendment  
Completed Date: 08/15/2013  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/30/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/01/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/22/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/11/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/11/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/11/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/12/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 03/17/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 02/04/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Date: 03/27/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/07/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/30/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/30/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/30/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/04/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 10/22/2014  
Comments: Tizita Bekele of DTSC's Financial Cost Estimate Validation Group reviewed the cost estimate and approved it on July 9, 2014

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Design  
Completed Date: 12/17/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/12/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/15/2016  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/11/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/01/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/17/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/30/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/15/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/15/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/14/2017  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 07/15/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/04/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Date: 04/04/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 09/28/2016  
Comments: Review completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 09/28/2016  
Comments: Review completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 02/25/2015  
Comments: Tayseer Mahmoud provided field oversight on February 24, 2016. Also, on February 25, 2016 Jose Marcos observed a portion of the quarterly groundwater sampling event. Jose met the sampler Edwin Moncoya and observed him performing parameter stabilization monitoring and sample collection from the flow loops inside the EISB building.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 02/25/2016  
Comments: Tayseer Mahmoud provided field oversight on February 24, 2016. Also, on February 25, 2016, Jose Marcos observed a portion of the quarterly groundwater sampling event. Jose met the sampler, Edwin Moncoya, and observed him performing parameter stabilization monitoring and sample collection from the flow loops inside the EISB building.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 11/20/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 11/20/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/07/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/07/2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/07/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/07/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 04/01/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/15/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 10/15/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 10/15/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 07/27/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Decommissioning Workplan  
Completed Date: 10/06/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 04/25/2011  
Comments: Approval letter sent to Stauffer on April 25, 2011

Completed Area Name: Soil Operable Unit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 02/18/1999  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 05/18/2011  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Feasibility Study Report  
Completed Date: 03/05/2008  
Comments: DTSC approval letter was sent to Stauffer on 3/5/08

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 12/31/1997  
Comments: Soil remedial Design and Implementation Plans were approved by DTSC.

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 06/25/1997  
Comments: DTSC approved soil RAP and Negative Declaration. The selected alternative addresses the soil operable unit as an interim measure. The project includes vapor and liquid extraction with vapor and liquid treatment for soils. The interim cleanup number for 1,2, DCA is 20 ppm.

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 01/30/1997  
Comments: DTSC reviewed and approved the revised Feasibility Study report. This completes the approval of the RI/FS for the soil operable unit.

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

**ENVIROSTOR:**

Name: STAUFFER CHEMICAL, CARSON  
Address: 2112 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90745  
Facility ID: 19280083  
Status: Active  
Status Date: 04/25/1996



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Site Code: 400264  
Site Type: State Response  
Site Type Detailed: State Response or NPL  
Acres: 14.48  
NPL: NO  
Regulatory Agencies: DTSC  
Lead Agency: DTSC  
Program Manager: Isaac Hirbawi  
Supervisor: Maryam Tasnif-Abbasi  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: \* Site Char & Assess Grant (CERCLA 104)  
Restricted Use: YES  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 33.82323  
Longitude: -118.2356  
APN: NONE SPECIFIED  
Past Use: MANUFACTURING - CHEMICALS  
Potential COC: Vinyl chloride 1,2-Dichloroethane (EDC)  
Confirmed COC: Vinyl chloride 1,2-Dichloroethane (EDC)  
Potential Description: OTH, SOIL  
Alias Name: AMERICAN CHEMICAL CORP (1959-1975)  
Alias Type: Alternate Name  
Alias Name: ASTRA ZENECA  
Alias Type: Alternate Name  
Alias Name: ATKEMIX 37 INC.  
Alias Type: Alternate Name  
Alias Name: STAUFFER MANAGEMENT COMPANY (1987-CURREN  
Alias Type: Alternate Name  
Alias Name: CAD076941103  
Alias Type: EPA Identification Number  
Alias Name: 110000749922  
Alias Type: EPA (FRS #)  
Alias Name: CAD076941103  
Alias Type: HWTS Identification Code  
Alias Name: 400264  
Alias Type: Project Code (Site Code)  
Alias Name: 19280083  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 03/16/1981  
Comments: FACILITY IDENTIFIED LA COUNTY ENGINEER'S FILE #04706

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)  
Completed Date: 06/25/1997  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Date: 06/27/1994  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 10/15/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Amendment - Order/Agreement  
Completed Date: 04/07/1999  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 06/25/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 10/31/2011  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Construction Complete  
Completed Date: 10/20/2011  
Comments: Selected Remedy for the Groundwater Operable Unit is construction and operation of an Enhanced In-situ Bioremediation System (EISB). Full scale operation of the EISB system was initiated on October 20, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 09/04/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/01/2011  
Comments: Annual annual cost estimate for 2012 completed on 11/1/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/05/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 08/12/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 03/08/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/20/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation & Maintenance Order/Agreement  
Completed Date: 06/22/2015  
Comments: .

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/16/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/05/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 09/01/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/07/2016  
Comments: FY 2016/2017 ACE completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 03/20/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/07/2019  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/11/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 03/27/2019  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 10/15/2015  
Comments: Stauffer submits the Waste Discharge Report to the RWQCB and no need to send a separate approval letter.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 02/10/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Design  
Completed Date: 02/22/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 05/24/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/20/2017  
Comments: Action completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 08/30/2017  
Comments: Action completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 05/24/2017  
Comments: Action completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Date: 08/30/2017  
Comments: Review completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/11/2017  
Comments: Action completed. DTSC submitted comments on July 11, 2017.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 12/07/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/12/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 12/07/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 02/08/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 11/22/2017  
Comments: Action completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/27/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 06/27/2018  
Comments: Completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 06/21/2018  
Comments: Activity completed.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 12/07/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 12/07/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/30/2019  
Comments: Not reported

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot/Treatability Study Report  
Completed Date: 11/28/2007  
Comments: Comments on the Pneumatic Fracturing Pilot Project Report were submitted via email on 11/28/2008

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/05/2008  
Comments: This report was not a milestone document. It was prepared at the request of DTSC so that all the data on past groundwater investigation activities could be found in one report. No formal approval was necessary

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/08/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Plan  
Completed Date: 01/30/2008  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Plan  
Completed Date: 02/15/2008  
Comments: Approved.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/01/2008  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 04/13/2009  
Comments: Approval Letter for January 30, 2009 Groundwater Feasibility Study Report transmitted to Stauffer Chemical Company on 4/13/2009

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/16/2008  
Comments: Final October 2008 Groundwater Monitoring Report submitted to DTSC on November 11, 2009. DTSC GSU reviewed and had not substantive comments

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/30/2009  
Comments: October GW Monitoring Report submitted to DTSC on November 30, 2009

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/14/2010  
Comments: Stauffer submitted October 2009 quarterly Groundwater Monitoring Report on 10/24/2009

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Deed/LUR Enforcement & Implementation Plan  
Completed Date: 12/21/2005  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/13/2011  
Comments: October 2010 Groundwater Monitoring Report is acceptable to DTSC, no comments were necessary

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 05/23/2011  
Comments: Comments on Second Five Year Report were sent to Stauffer on 5/23/2011 Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/12/2011  
Comments: Monthly Progress Report Submitted on 1/12/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/14/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Comments: Monthly Progress Report submitted on 2/14/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/14/2011  
Comments: February Progress Report was submitted on 3/14/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/12/2011  
Comments: July 2011 Progress Report Submitted on 08/12/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/29/2011  
Comments: Monthly Progress Report Submitted on 7/29/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/29/2011  
Comments: ....

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/19/2011  
Comments: June Progress Report submitted on 7/19/2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/19/2011  
Comments: June 2011 Monthly Progress Report submitted on July 19, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/14/2011  
Comments: September 2100 Monthly Progress Report was submitted on October 14, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/14/2011  
Comments: August 2011 Monthly Progress Report was submitted on September 14, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/15/2011  
Comments: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/13/2011  
Comments: April 2011 Quarterly Groundwater Monitoring Report was submitted to DTSC on July 13, 2011

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/17/2012  
Comments: Final January 2012 Monthly Progress Report submitted to DTSC on 2/15/2012. No DTSC comment or approval necessary

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/23/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/27/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 05/31/2012  
Comments: April 2012 Monthly Progress Report was submitted to DTSC on 5/31/2012

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/27/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/27/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/18/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/09/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/18/2012  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Plan  
Completed Date: 04/09/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/26/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/11/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 06/25/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Plan Amendment  
Completed Date: 07/25/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Plan Amendment  
Completed Date: 08/15/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/30/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/01/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/22/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/11/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/11/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/11/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/12/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 03/17/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 02/04/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/27/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/07/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/30/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/30/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/30/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/04/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 10/22/2014  
Comments: Tizita Bekele of DTSC's Financial Cost Estimate Validation Group reviewed the cost estimate and approved it on July 9, 2014

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Design  
Completed Date: 12/17/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/12/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/15/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/11/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/01/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Date: 03/17/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/30/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/15/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/15/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/14/2017  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 07/15/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/04/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/04/2016  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 09/28/2016  
Comments: Review completed.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 09/28/2016  
Comments: Review completed.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 02/25/2015  
Comments: Tayseer Mahmoud provided field oversight on February 24, 2016. Also, on February 25, 2016 Jose Marcos observed a portion of the quarterly groundwater sampling event. Jose met the sampler Edwin Moncoya and observed him performing parameter stabilization monitoring and sample collection from the flow loops inside the EISB building.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 02/25/2016  
Comments: Tayseer Mahmoud provided field oversight on February 24, 2016. Also, on February 25, 2016, Jose Marcos observed a portion of the quarterly groundwater sampling event. Jose met the sampler, Edwin Moncoya, and observed him performing parameter stabilization monitoring and sample collection from the flow loops inside the EISB building.

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 11/20/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 11/20/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/07/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/07/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/07/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/07/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 04/01/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 04/15/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 10/15/2014  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 10/15/2013  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 07/27/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Decommissioning Workplan  
Completed Date: 10/06/2015  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 04/25/2011  
Comments: Approval letter sent to Stauffer on April 25, 2011

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 02/18/1999  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 05/18/2011  
Comments: Not reported

Completed Area Name: Groundwater Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Feasibility Study Report  
Completed Date: 03/05/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Comments: DTSC approval letter was sent to Stauffer on 3/5/08

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 12/31/1997  
Comments: Soil remedial Design and Implementation Plans were approved by DTSC.

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 06/25/1997  
Comments: DTSC approved soil RAP and Negative Declaration. The selected alternative addresses the soil operable unit as an interim measure. The project includes vapor and liquid extraction with vapor and liquid treatment for soils. The interim cleanup number for 1,2, DCA is 20 ppm.

Completed Area Name: Soil Operable Unit  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 01/30/1997  
Comments: DTSC reviewed and approved the revised Feasibility Study report. This completes the approval of the RI/FS for the soil operable unit.

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

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-04706  
Status: Leak being confirmed  
Substance: 1  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: Not reported  
Global ID: T0603704651  
W Global ID: Not reported  
Staff: TOX  
Local Agency: 19000  
Cross Street: ALAMEDA ST  
Enforcement Type: Not reported  
Date Leak Discovered: 1/1/1993  
Date Leak First Reported: 1/1/1993  
Date Leak Record Entered: 11/8/1996  
Date Confirmation Began: 1/1/1993  
Date Leak Stopped: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

1001217343

Date Case Last Changed on Database: 10/30/1996  
Date the Case was Closed: Not reported  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: Not reported  
Leak Source: Not reported  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 1217.382210332263930479828887  
Source of Cleanup Funding: Not reported  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: BLANK RP  
RP Address: Not reported  
Program: LOCNL  
Lat/Long: 33.8241903 / -1  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: Not reported

**CPS-SLIC:**

Name: STAUFFER MANAGEMENT CO  
Address: 2112 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Region: STATE  
**Facility Status: Open - Site Assessment**  
Status Date: 01/01/1993  
Global Id: T0603704651  
Lead Agency: LOS ANGELES COUNTY  
Lead Agency Case Number: Not reported  
Latitude: 33.8241903  
Longitude: -118.2372402  
Case Type: Cleanup Program Site  
Case Worker: JOA  
Local Agency: LOS ANGELES COUNTY  
RB Case Number: R-04706  
File Location: Not reported  
Potential Media Affected: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Aviation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Site History: Not reported

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

**SLIC REG 4:**

Region: 4  
Facility Status: Site Assessment  
SLIC: 0496B6  
Substance: Not reported  
Staff: SSH

**DEED:**

Name: STAUFFER CHEMICAL, CARSON  
Address: 2112 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90745  
Envirostor ID: 19280083  
Area: PROJECT WIDE  
Sub Area: Not reported  
Site Type: STATE RESPONSE  
Status: ACTIVE  
Agency: Not reported  
Covenant Uploaded: Not reported  
Deed Date(s): 09/04/2013  
File Name: Envirostor Land Use Restrictions

**CORTESE:**

Name: STAUFFER CHEMICAL, CARSON  
Address: 2112 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90745  
Region: CORTESE  
Envirostor Id: 19280083  
Global ID: Not reported  
Site/Facility Type: STATE RESPONSE  
Cleanup Status: ACTIVE - LAND USE RESTRICTIONS  
Status Date: 04/25/1996  
Site Code: 400264  
Latitude: 33.823234  
Longitude: -118.23562  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: envirostor  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported  
File Name: Haz Waste & Substances Sites

**HAZNET:**

Name: STAUFFER MANAGEMENT CO  
Address: 2201\_E\_223RD ST OFF SITE  
City,State,Zip: CARSON, CA 908100000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Year: 1997  
GEPAID: CAR000032516  
Contact: MS CAROL DICKERSON, HYDROGEO A  
Telephone: 3028865123  
Mailing Name: Not reported  
Mailing Address: PO BOX 15437 BANCROFT 1  
Mailing City,St,Zip: WILMINGTON, DE 198505437  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 2.1  
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent  
Method: R01-Recycler  
Facility County: Los Angeles

**HIST CORTESE:**

edr\_fname: STAUFFER CHEMICAL, CARSON  
edr\_fadd1: 2112 223RD  
City,State,Zip: CARSON, CA 90745  
Region: CORTESE  
Facility County Code: 19  
Reg By: CALSI  
Reg Id: 19280083

edr\_fname: STAUFFER MANAGEMENT CO  
edr\_fadd1: 2112 223RD  
City,State,Zip: CARSON, CA 90745  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: R-04706

**CERS:**

Name: STAUFFER MANAGEMENT CO  
Address: 2112 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Site ID: 200152  
CERS ID: T0603704651  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: DTSC - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 1011 N. GRANDVIEW AVE.  
Affiliation City: LOS ANGELES  
Affiliation State: CA

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STAUFFER MANAGEMENT CO (Continued)**

**1001217343**

Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**C12  
 NE  
 < 1/8  
 0.006 mi.  
 34 ft.**

**CITY OF CARSON - SWAN PROPERTY  
 2254 223RD  
 CARSON, CA 90745  
 Site 1 of 3 in cluster C**

**CA CPS-SLIC S105520911  
 N/A**

**Relative:  
 Higher**

SLIC REG 4:  
 Region: 4  
 Facility Status: Site Assessment  
 SLIC: 0496C1  
 Substance: Not reported  
 Staff: SSH

**Actual:  
 23 ft.**

**C13  
 NNE  
 < 1/8  
 0.008 mi.  
 42 ft.**

**COONS TRUST PROPERTY  
 2254 E. 223RD STREET  
 CARSON, CA 90810  
 Site 2 of 3 in cluster C**

**CA ENVIROSTOR S107616202  
 CA CPS-SLIC N/A  
 CA VCP  
 CA DEED  
 CA CERS**

**Relative:  
 Higher**

ENVIROSTOR:  
 Name: COONS TRUST PROPERTY  
 Address: 2254 E. 223RD STREET  
 City,State,Zip: CARSON, CA 90810  
 Facility ID: 70000172  
 Status: Certified O&M - Land Use Restrictions Only  
 Status Date: 12/21/2005  
 Site Code: 401673  
 Site Type: Voluntary Cleanup  
 Site Type Detailed: Voluntary Cleanup  
 Acres: 10  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Isaac Hirbawi  
 Supervisor: Maryam Tasnif-Abbasi  
 Division Branch: Cleanup Cypress  
 Assembly: 64  
 Senate: 35  
 Special Program: Voluntary Cleanup Program  
 Restricted Use: YES  
 Site Mgmt Req: DAY, ELD, HOS, LUC, GW, NUSE, NDEV, NSUB, SCH, FOOD, RES  
 Funding: Responsible Party  
 Latitude: 33.82426  
 Longitude: -118.2350  
 APN: 7315007012, 7315007903  
 Past Use: MANUFACTURING - CHEMICALS  
 Potential COC: 1,1,1-Trichloroethane (TCA Vinyl chloride)  
 Confirmed COC: 1,1,1-Trichloroethane (TCA Vinyl chloride)  
 Potential Description: OTH, SOIL  
 Alias Name: 7315007012  
 Alias Type: APN

**Actual:  
 23 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COONS TRUST PROPERTY (Continued)**

**S107616202**

Alias Name: 7315007903  
Alias Type: APN  
Alias Name: 110033613613  
Alias Type: EPA (FRS #)  
Alias Name: 401261  
Alias Type: Project Code (Site Code)  
Alias Name: 401673  
Alias Type: Project Code (Site Code)  
Alias Name: 70000172  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 02/14/2005  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 12/21/2005  
Comments: Land Use Restriction recorded with Los Angeles County on 12/21/2005.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Letter - Demand  
Completed Date: 04/01/2011  
Comments: Reminder letter sent for unpaid invoice balances.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 06/15/2010  
Comments: Site inspection of Coons Trust Property took place on 6/15/2010.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Reimbursement Agreement  
Completed Date: 06/29/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: LUR - Notification Response  
Completed Date: 06/26/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/26/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 06/26/2014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COONS TRUST PROPERTY (Continued)**

**S107616202**

Comments: Executed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/03/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/11/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Reimbursement Agreement  
Completed Date: 04/15/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/20/2015  
Comments: Annual Cost Estimate completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 06/15/2005  
Comments: Deed Restriction/Land use covenant was recorded. This is the final activity under the EOA.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/28/2016  
Comments: FY 2016/2017 ACE completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/07/2019  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Reimbursement Agreement  
Completed Date: 04/25/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 06/26/2014  
Comments: completed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COONS TRUST PROPERTY (Continued)**

**S107616202**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 10/15/2014  
Comments: Provided comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Decommissioning Workplan  
Completed Date: 10/06/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 10/15/2014  
Comments: Provided comments.

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Land Use Restriction - Amendment  
Future Due Date: 2020  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**CPS-SLIC:**

Name: CITY OF CARSON - SWAN PROPERTY  
Address: 2254 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Region: STATE  
**Facility Status:** **Open - Inactive**  
Status Date: 01/21/2015  
Global Id: SLT43302300  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.824283  
Longitude: -118.23659  
Case Type: Cleanup Program Site  
Case Worker: AGH  
Local Agency: Not reported  
RB Case Number: 0496C1  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

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

**VCP:**

Name: COONS TRUST PROPERTY  
Address: 2254 E. 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Facility ID: 70000172

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COONS TRUST PROPERTY (Continued)**

**S107616202**

Site Type: Voluntary Cleanup  
Site Type Detail: Voluntary Cleanup  
Site Mgmt. Req.: DAY, ELD, HOS, LUC, GW, NUSE, NDEV, NSUB, SCH, FOOD, RES  
Acres: 10  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Isaac Hirbawi  
Supervisor: Maryam Tasnif-Abbasi  
Division Branch: Cleanup Cypress  
Site Code: 401673  
Assembly: 64  
Senate: 35  
Special Programs Code: Voluntary Cleanup Program  
Status: Certified O&M - Land Use Restrictions Only  
Status Date: 12/21/2005  
Restricted Use: YES  
Funding: Responsible Party  
Lat/Long: 33.82426 / -118.2350  
APN: 7315007012, 7315007903  
Past Use: MANUFACTURING - CHEMICALS  
Potential COC: 30026, 30028  
Confirmed COC: 30026,30028  
Potential Description: OTH, SOIL  
Alias Name: 7315007012  
Alias Type: APN  
Alias Name: 7315007903  
Alias Type: APN  
Alias Name: 110033613613  
Alias Type: EPA (FRS #)  
Alias Name: 401261  
Alias Type: Project Code (Site Code)  
Alias Name: 401673  
Alias Type: Project Code (Site Code)  
Alias Name: 70000172  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 02/14/2005  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 12/21/2005  
Comments: Land Use Restriction recorded with Los Angeles County on 12/21/2005.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Letter - Demand  
Completed Date: 04/01/2011  
Comments: Reminder letter sent for unpaid invoice balances.

Completed Area Name: PROJECT WIDE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COONS TRUST PROPERTY (Continued)**

**S107616202**

Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 06/15/2010  
Comments: Site inspection of Coons Trust Property took place on 6/15/2010.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Reimbursement Agreement  
Completed Date: 06/29/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: LUR - Notification Response  
Completed Date: 06/26/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/26/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 06/26/2014  
Comments: Executed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/03/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/11/2018  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Reimbursement Agreement  
Completed Date: 04/15/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/20/2015  
Comments: Annual Cost Estimate completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 06/15/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COONS TRUST PROPERTY (Continued)**

**S107616202**

Comments: Deed Restriction/Land use covenant was recorded. This is the final activity under the EOA.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/28/2016  
Comments: FY 2016/2017 ACE completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/07/2019  
Comments: Activity completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Reimbursement Agreement  
Completed Date: 04/25/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 06/26/2014  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 10/15/2014  
Comments: Provided comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Decommissioning Workplan  
Completed Date: 10/06/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 10/15/2014  
Comments: Provided comments.

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Land Use Restriction - Amendment  
Future Due Date: 2020  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

DEED:

Name: COONS TRUST PROPERTY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COONS TRUST PROPERTY (Continued)**

**S107616202**

Address: 2254 E. 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Envirostor ID: 70000172  
Area: PROJECT WIDE  
Sub Area: Not reported  
Site Type: VOLUNTARY CLEANUP  
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY  
Agency: Not reported  
Covenant Uploaded: Not reported  
Deed Date(s): 12/21/2005  
File Name: Envirostor Land Use Restrictions

**CERS:**

Name: CITY OF CARSON - SWAN PROPERTY  
Address: 2254 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Site ID: 226275  
CERS ID: SLT43302300  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: ARTHUR G. HEATH - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4th Street, Suite  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766725

**D14  
NNW  
< 1/8  
0.010 mi.  
53 ft.**

**CORMIER CHEVROLET CO  
2201 EAST 223 STREET  
LONG BEACH, CA 90810**

**RCRA-SQG 1000299611  
FINDS CAD981462310  
ECHO**

**Site 1 of 8 in cluster D**

**Relative:  
Higher  
Actual:  
23 ft.**

RCRA-SQG:  
Date form received by agency: 09/01/1996  
Facility name: CORMIER CHEVROLET CO  
Facility address: 2201 EAST 223 STREET  
LONG BEACH, CA 90810  
EPA ID: CAD981462310  
Mailing address: P O BOX 1468  
LONG BEACH, CA 90801  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET CO (Continued)**

**1000299611**

hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 04/01/1986  
Site name: CORMIER CHEVROLET CO  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002715688

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CORMIER CHEVROLET CO (Continued)**

**1000299611**

Environmental Interest/Information System

AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

STATE MASTER

UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

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

ECHO:

Envid: 1000299611  
 Registry ID: 110002715688  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002715688>

**B15  
 NW  
 < 1/8  
 0.010 mi.  
 54 ft.**

**BFGOODRICH CHEMICAL GROUP  
 2104 E 223RD STREET  
 CARSON, CA 90810  
 Site 2 of 6 in cluster B**

**CA HIST UST 1007839513  
 CA EMI N/A  
 CA CERS**

**Relative:  
 Higher  
 Actual:  
 24 ft.**

HIST UST:  
 Name: BFGOODRICH CHEMICAL GROUP  
 Address: 2104 E 223RD STREET  
 City,State,Zip: CARSON, CA 90810  
 File Number: 00028B35  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028B35.pdf>  
 Region: Not reported  
 Facility ID: Not reported  
 Facility Type: Not reported  
 Other Type: Not reported  
 Contact Name: Not reported  
 Telephone: Not reported  
 Owner Name: Not reported  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Total Tanks: Not reported  
  
 Tank Num: Not reported  
 Container Num: Not reported  
 Year Installed: Not reported  
 Tank Capacity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BFGOODRICH CHEMICAL GROUP (Continued)**

**1007839513**

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

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

EMI:

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Year: 2002  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 3087  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 7  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 4  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Year: 2003  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 3087  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 7  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 4  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Year: 2004  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 3087

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BFGOODRICH CHEMICAL GROUP (Continued)**

**1007839513**

Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 7.4482  
Reactive Organic Gases Tons/Yr: 7.01  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 3.93  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.75

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Year: 2005  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 3087  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.12173  
Reactive Organic Gases Tons/Yr: 2.096484  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 8.01  
Part. Matter 10 Micrometers and Smlr Tons/Yr:5.607

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Year: 2006  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 3087  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.162706020602060206  
Reactive Organic Gases Tons/Yr: 2.101  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 7.925  
Part. Matter 10 Micrometers and Smlr Tons/Yr:5.5475

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Year: 2007  
County Code: 19  
Air Basin: SC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BFGOODRICH CHEMICAL GROUP (Continued)**

**1007839513**

Facility ID: 126763  
Air District Name: SC  
SIC Code: 3087  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.162706020602060206  
Reactive Organic Gases Tons/Yr: 2.101  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 7.925  
Part. Matter 10 Micrometers and Smlr Tons/Yr:5.5475

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Year: 2008  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1.325  
Reactive Organic Gases Tons/Yr: 1.28  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 6.07  
Part. Matter 10 Micrometers and Smlr Tons/Yr:5.187

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Year: 2009  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.88002499999999995  
Reactive Organic Gases Tons/Yr: 0.87400999999999995  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 4.9500000000000002  
Part. Matter 10 Micrometers and Smlr Tons/Yr:4.1669999999999998

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BFGOODRICH CHEMICAL GROUP (Continued)**

**1007839513**

Year: 2010  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.5210303257790301  
Reactive Organic Gases Tons/Yr: 2.2718699999999998  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 7.8113799999999998  
Part. Matter 10 Micrometers and Smlr Tons/Yr:6.7421420000000003

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Year: 2011  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.6465021435  
Reactive Organic Gases Tons/Yr: 2.04792  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 8.45659  
Part. Matter 10 Micrometers and Smlr Tons/Yr:7.322831

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2012  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.5912013314  
Reactive Organic Gases Tons/Yr: 2.0492  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 9.60364  
Part. Matter 10 Micrometers and Smlr Tons/Yr:8.35521

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BFGOODRICH CHEMICAL GROUP (Continued)**

**1007839513**

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2013  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.0428880831  
Reactive Organic Gases Tons/Yr: 1.77632  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 8.89971  
Part. Matter 10 Micrometers and Smlr Tons/Yr:7.721661

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2014  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3.08776  
Reactive Organic Gases Tons/Yr: 3.08776  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 9.1924  
Part. Matter 10 Micrometers and Smlr Tons/Yr:8.12283485

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2015  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3.0134367  
Reactive Organic Gases Tons/Yr: 3.0134367  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BFGOODRICH CHEMICAL GROUP (Continued)**

**1007839513**

Particulate Matter Tons/Yr: 8.74168195  
Part. Matter 10 Micrometers and Smlr Tons/Yr:7.7165428865

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2016  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 3087  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3.75  
Reactive Organic Gases Tons/Yr: 3.75  
Carbon Monoxide Emissions Tons/Yr: Not reported  
NOX - Oxides of Nitrogen Tons/Yr: Not reported  
SOX - Oxides of Sulphur Tons/Yr: Not reported  
Particulate Matter Tons/Yr: 8.67403  
Part. Matter 10 Micrometers and Smlr Tons/Yr:7.640727

Name: POLY ONE CORPORATION  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2017  
County Code: 19  
Air Basin: SC  
Facility ID: 126763  
Air District Name: SC  
SIC Code: 3087  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3.91  
Reactive Organic Gases Tons/Yr: 3.91  
Carbon Monoxide Emissions Tons/Yr: Not reported  
NOX - Oxides of Nitrogen Tons/Yr: Not reported  
SOX - Oxides of Sulphur Tons/Yr: Not reported  
Particulate Matter Tons/Yr: 8.87208  
Part. Matter 10 Micrometers and Smlr Tons/Yr:7.696522

**CERS:**

Name: POLYONE CORP  
Address: 2104 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90745  
Site ID: 487663  
CERS ID: 110000476100  
CERS Description: US EPA Air Emission Inventory System (EIS)

**Affiliation:**

Affiliation Type Desc: Environmental Contact  
Entity Name: Rodney Myers  
Entity Title: Plant Manager  
Affiliation Address: POBOX 9077  
Affiliation City: LONGBEACH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BFGOODRICH CHEMICAL GROUP (Continued)**

**1007839513**

Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact  
Entity Name: Rod Myers  
Entity Title: Not reported  
Affiliation Address: POBOX 9077  
Affiliation City: LONGBEACH  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: MR MARK D PETTEGREW  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: David Reyes  
Entity Title: Not reported  
Affiliation Address: POBOX 9077  
Affiliation City: LONGBEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

D16  
NNW  
< 1/8  
0.011 mi.  
58 ft.

**CORMIER CHEVROLET**  
**2201 E 223RD ST**  
**CARSON, CA 90800**

**CA SWEEPS UST** U003976535  
**CA LOS ANGELES CO. HMS** N/A

**Site 2 of 8 in cluster D**

**Relative:**  
**Higher**

**SWEEPS UST:**

**Actual:**  
**24 ft.**

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Not reported  
Comp Number: 6073  
Number: Not reported  
Board Of Equalization: 44-008014  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000003  
Tank Status: Not reported  
Capacity: 500  
Active Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U003976535**

Tank Use: OIL  
STG: WASTE  
Content: Not reported  
Number Of Tanks: 3

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Not reported  
Comp Number: 6073  
Number: Not reported  
Board Of Equalization: 44-008014  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000004  
Tank Status: Not reported  
Capacity: 1000  
Active Date: Not reported  
Tank Use: OIL  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Not reported  
Comp Number: 6073  
Number: Not reported  
Board Of Equalization: 44-008014  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000005  
Tank Status: Not reported  
Capacity: 550  
Active Date: Not reported  
Tank Use: OIL  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 6073  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90  
Created Date: 06-30-89  
Owner Tank Id: A  
SWRCB Tank Id: 19-000-006073-000001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U003976535**

Tank Status: A  
Capacity: 1500  
Active Date: 01-26-90  
Tank Use: OIL  
STG: P  
Content: Not reported  
Number Of Tanks: 10

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 6073  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90  
Created Date: 06-30-89  
Owner Tank Id: B  
SWRCB Tank Id: 19-000-006073-000002  
Tank Status: A  
Capacity: 1000  
Active Date: 01-26-90  
Tank Use: OIL  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 6073  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000006  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 6073  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U003976535**

Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000007  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 6073  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000008  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 6073  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000009  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 6073  
Number: 9

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U003976535**

Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000010  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 6073  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000011  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 6073  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000012  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: CARSON



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U003976535**

Status: Active  
Comp Number: 6073  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 01-26-90  
Action Date: 01-26-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006073-000013  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

**LOS ANGELES CO. HMS:**

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City,State,Zip: CARSON, CA 908101610  
Region: LA  
Permit Category: T  
Facility Id: 005859-006073  
Facility Type: 0  
Facility Status: Removed  
Area: 22  
Permit Number: 00001896T  
Permit Status: Removed

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City,State,Zip: CARSON, CA 908101610  
Region: LA  
Permit Category: I  
Facility Id: 005859-I06073  
Facility Type: 01  
Facility Status: Closed  
Area: 22  
Permit Number: 000003463  
Permit Status: Closed

**D17**  
**NNW**  
**< 1/8**  
**0.011 mi.**  
**58 ft.**

**CORMIER CHEVROLET**  
**2201 E 223RD ST**  
**CARSON, CA 90800**  
**Site 3 of 8 in cluster D**

**CA FID UST S101582810**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

CA FID UST:  
Facility ID: 19001503  
Regulated By: UTNKA  
Regulated ID: 00033835  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 8180000000  
Mail To: Not reported  
Mailing Address: 2201 E 223RD ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**S101582810**

Mailing Address 2: Not reported  
Mailing City,St,Zip: CARSON 90800  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**C18**  
**NNE**  
**< 1/8**  
**0.018 mi.**  
**96 ft.**

**CARSON REDEVELOPMENT AGENCY**  
**2233 223RD ST E**  
**CARSON, CA 90810**  
**Site 3 of 3 in cluster C**

**CA LUST** **S103317038**  
**CA LOS ANGELES CO. HMS** **N/A**  
**CA CERS**

**Relative:**  
**Higher**  
**Actual:**  
**23 ft.**

**LUST:**  
Name: CARSON REDEVELOPMENT AGENCY  
Address: 2233 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES COUNTY  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603705494](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705494)  
Global Id: T0603705494  
Latitude: 33.8244093  
Longitude: -118.2350631  
Status: Completed - Case Closed  
Status Date: 03/12/1998  
Case Worker: JOA  
RB Case Number: R-25205  
Local Agency: LOS ANGELES COUNTY  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon  
Site History: Not reported

**LUST:**  
Global Id: T0603705494  
Contact Type: Local Agency Caseworker  
Contact Name: JOHN AWUJO  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S FREMONT AVE  
City: ALHAMBRA  
Email: [jawujo@dpw.lacounty.gov](mailto:jawujo@dpw.lacounty.gov)  
Phone Number: 6264583507

Global Id: T0603705494  
Contact Type: Regional Board Caseworker  
Contact Name: YUE RONG  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: [yrong@waterboards.ca.gov](mailto:yrong@waterboards.ca.gov)  
Phone Number: Not reported

**LUST:**  
Global Id: T0603705494

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARSON REDEVELOPMENT AGENCY (Continued)**

**S103317038**

Action Type: Other  
Date: 02/18/1998  
Action: Leak Discovery

Global Id: T0603705494  
Action Type: Other  
Date: 12/09/1997  
Action: Leak Stopped

Global Id: T0603705494  
Action Type: Other  
Date: 03/12/1998  
Action: Leak Reported

**LUST:**

Global Id: T0603705494  
Status: Open - Case Begin Date  
Status Date: 12/09/1997

Global Id: T0603705494  
Status: Completed - Case Closed  
Status Date: 03/12/1998

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-25205  
Status: Case Closed  
Substance: Hydrocarbons  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: EDOT  
Global ID: T0603705494  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: WILMINGTON AVE  
Enforcement Type: Not reported  
Date Leak Discovered: 2/18/1998  
Date Leak First Reported: 3/12/1998  
Date Leak Record Entered: 3/19/1998  
Date Confirmation Began: Not reported  
Date Leak Stopped: 12/9/1997  
Date Case Last Changed on Database: 3/12/1998  
Date the Case was Closed: 3/12/1998  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: ADOLFO REYES  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 757.44081145757655142998880675

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARSON REDEVELOPMENT AGENCY (Continued)**

**S103317038**

Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: CITY OF CARSON  
RP Address: 701 E. CARSON ST., CARSON, CA 90745  
Program: LUST  
Lat/Long: 33.8244093 / -1  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: Not reported

**LOS ANGELES CO. HMS:**

Name: CARSON REDEVELOPMENT AGENCY  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 908101614  
Region: LA  
Permit Category: T  
Facility Id: 008455-025205  
Facility Type: 0  
Facility Status: Removed  
Area: 22  
Permit Number: 000206621  
Permit Status: Removed

**CERS:**

Name: CARSON REDEVELOPMENT AGENCY  
Address: 2233 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Site ID: 259451  
CERS ID: T0603705494  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CARSON REDEVELOPMENT AGENCY (Continued)**

**S103317038**

Affiliation Zip: Not reported  
 Affiliation Phone: Not reported  
  
 Affiliation Type Desc: Local Agency Caseworker  
 Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
 Entity Title: Not reported  
 Affiliation Address: 900 S FREMONT AVE  
 Affiliation City: ALHAMBRA  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: 6264583507

**B19**  
**WNW**  
**< 1/8**  
**0.021 mi.**  
**112 ft.**  
  
**Relative:**  
**Higher**  
  
**Actual:**  
**23 ft.**

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERIN**  
**2100 E 223RD ST**  
**CARSON, CA 90810**  
  
**Site 3 of 6 in cluster B**

**CA ENVIROSTOR 1000376908**  
**CA CPS-SLIC N/A**  
**CA HIST Cal-Sites**  
**CA SWEEPS UST**  
**CA FID UST**  
**CA EMI**  
**CA LOS ANGELES CO. HMS**

**ENVIROSTOR:**  
 Name: SOLUTIA INC  
 Address: 2100 E 223RD ST  
 City,State,Zip: CARSON, CA 907450000  
 Facility ID: 80001380  
 Status: Inactive - Needs Evaluation  
 Status Date: 11/01/2018  
 Site Code: Not reported  
 Site Type: Corrective Action  
 Site Type Detailed: Corrective Action  
 Acres: 0  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: MBR  
 Program Manager: Not reported  
 Supervisor: \* Unknown  
 Division Branch: Cleanup Chatsworth  
 Assembly: 64  
 Senate: 35  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not reported  
 Latitude: 33.82400  
 Longitude: -118.2378  
 APN: 7315008030  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: 7315008030  
 Alias Type: APN  
 Alias Name: CAD043555366  
 Alias Type: EPA Identification Number  
 Alias Name: 110000749281  
 Alias Type: EPA (FRS #)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Alias Name: 80001380  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RCRA Facility Assessment Report  
Completed Date: 03/13/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Agreement  
Completed Date: 12/05/1990  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order  
Completed Date: 03/07/1996  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire  
Completed Date: 05/23/1994  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RCRA Facility Assessment Report  
Completed Date: 05/26/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire  
Completed Date: 07/27/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Selection and Statement of Basis  
Completed Date: 04/14/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Groundwater Migration Controlled  
Completed Date: 06/08/1998  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 06/08/1998  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Remedy Selected  
Completed Date: 04/14/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Corrective Measures Study Report  
Completed Date: 01/23/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Corrective Measures Study Workplan  
Completed Date: 02/07/1991  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RFI Workplan  
Completed Date: 09/23/1991  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Implementation Report  
Completed Date: 10/31/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Workplan  
Completed Date: 01/31/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RFI Report  
Completed Date: 01/23/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Workplan  
Completed Date: 01/31/1992  
Comments: Not reported

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

**CPS-SLIC:**

Name: MONSANTO CARSON PLANT  
Address: 2100 E. 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: STATE  
**Facility Status: Open - Inactive**  
Status Date: 02/02/2015  
Global Id: SLT43131129  
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
Lead Agency Case Number: 19281200  
Latitude: 33.8376121118986  
Longitude: -118.260290211125  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 0228  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

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

**Calsite:**

Name: MONSANTO CHEMICAL COMPANY  
Address: 2100 EAST 223RD STREET  
City: CARSON  
Region: CYPRESS  
Facility ID: 19281200  
Facility Type: RP  
Type: RESPONSIBLE PARTY  
Branch: SB  
Branch Name: SO CAL - CYPRESS  
File Name: Not reported  
State Senate District: 04231996  
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE  
Status Name: ANNUAL WORKPLAN - ACTIVE SITE  
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL  
NPL: Not Listed  
SIC Code: 28  
SIC Name: MANU - CHEMICALS & ALLIED PRODUCTS  
Access: Not reported  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Confirmed  
Staff Member Responsible for Site: RZABANEH  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: LA  
Region Water Control Board Name: LOS ANGELES  
Lat/Long Direction: Not reported  
Lat/Long (dms): 0 0 0 / 0 0 0  
Lat/long Method: Not reported  
Lat/Long Description: Not reported  
State Assembly District Code: 55  
State Senate District Code: 28



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Facility ID: 19281200  
Activity: DISC  
Activity Name: DISCOVERY  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 02091989  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: SS  
Activity Name: SITE SCREENING  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 06121989  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: ORDER  
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA  
AWP Code: CNSNT  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 12241990  
Est Person-Yrs to complete: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: PPP  
Activity Name: PUBLIC PARTICIPATION PLAN  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 04301991  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: RA  
Activity Name: REMOVAL ACTION  
AWP Code: GW  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 01281992  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Removal Action Certification: N  
Activity Comments: INSTALLATION OF FOUR MONITORING WELLS, TWO PIEZOMETERS, AND  
ONESKIMMING SYSTEM TO DELINEATE THE PLUME AND TO PROVIDE AN  
INTERIM EXTRACTION SYSTEM.  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: ORDER  
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA  
AWP Code: AMECO  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 10291993  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: RIFS  
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 01231995  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Activity: CEQA  
Activity Name: CEQA INCLUDING NEGATIVE DECS  
AWP Code: NEGDK  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 04141995  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: RAP  
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 04141995  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: DES  
Activity Name: DESIGN  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 03281997  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: ORDER  
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA  
AWP Code: C/O  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 03071996  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: RMDL  
Activity Name: REMEDIAL ACTION (RAP REQUIRED)  
AWP Code: II  
Proposed Budget: 0  
AWP Completion Date: 06302007  
Revised Due Date: 12312007  
Comments Date: Not reported  
Est Person-Yrs to complete: 0  
Estimated Size: M  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: CERT  
Activity Name: CERTIFICATION  
AWP Code: II  
Proposed Budget: 0  
AWP Completion Date: 12302008  
Revised Due Date: Not reported  
Comments Date: Not reported  
Est Person-Yrs to complete: 0  
Estimated Size: M  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: OM  
Activity Name: OPERATION & MAINTENANCE  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: 03312013  
Revised Due Date: 12312028  
Comments Date: Not reported  
Est Person-Yrs to complete: 0  
Estimated Size: M  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: RA  
Activity Name: REMOVAL ACTION  
AWP Code: BIOPI

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 01111999  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 1400  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: N  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: COST  
Activity Name: COST RECOVERY  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 01131999  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: RIFS  
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
AWP Code: II  
Proposed Budget: 0  
AWP Completion Date: 03312005  
Revised Due Date: Not reported  
Comments Date: Not reported  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: RAP  
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION  
AWP Code: II  
Proposed Budget: 0  
AWP Completion Date: 12312005  
Revised Due Date: Not reported  
Comments Date: Not reported  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19281200  
Activity: DES  
Activity Name: DESIGN  
AWP Code: II  
Proposed Budget: 0  
AWP Completion Date: 06302006  
Revised Due Date: 12312006  
Comments Date: Not reported  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

For Residential Reuse: 0  
Unknown Type: 0  
Alternate Address: 2100 EAST 223RD STREET  
Alternate City,St,Zip: CARSON, CA 90810  
Background Info: Monsanto Chemical Company has manufactured bio and nonbio-degradable detergents for over three decades. The site is located in a heavily industrialized area. Raw materials used in the process include benzene, paraffin, olefin, chlorine, anhydrous ammonia, and aluminum chloride. Volatile organic solvents, chlorinated as well as non-chlorinated, have been found in the groundwater. A layer of benzene is floating on top the groundwater table. Contaminants identified in the soil include benzene and assorted petroleum hydrocarbons. Soil vapor tests have detected the presence of chlorinated solvents. Direct contact with contaminated soil, inhalation of volatile organics, surface runoff, and groundwater contamination are a threat to public health and the environment. Contaminated water is used for industrial and agricultural purposes. A Consent Order with Monsanto, to investigate the extent of contamination and cleanup the site, was signed in December 1990.  
Not reported  
Sampling analyses indicate high levels of benzene in shallow aquifer. A seven-inch non-aqueous benzen layer has been identified. 1,2-dichloroethane exists in shallow and deep aquifer.  
Not reported  
A revised amendment to the Consent Order was finalized and signed on November 15, 1993 to include Remediation Capital Corporation of Reno, Nevada, as a party to the Agreement. RCC purchased the property from Monsanto in September 1993.  
Not reported  
RCC subsequently filed for bankruptcy and the site reverted back to Monsanto (now Solutia).  
Comments Date: 06231999  
Comments: completed. The soils were returned to the previously excavated  
Comments Date: 06231999  
Comments: areas.  
Comments Date: 06231999  
Comments: Not reported  
Comments Date: 07251991  
Comments: Detergent manufacturing. Contaminants include benzene, volatile  
Comments Date: 07251991  
Comments: organics, chlorinated/non-chlorinated, TCE, chloroform,  
Comments Date: 07251991  
Comments: dichloroethane, petroleum hydrocarbons, and heavy metals.  
Comments Date: 12012001  
Comments: An updated Health Risk Assessment has been completed. An  
Comments Date: 12012001  
Comments: updated RI and FS will be completed in order to complete  
Comments Date: 12012001  
Comments: a RAP amendment.  
Comments Date: 12311991  
Comments: Removal Action: Groundwater extraction/treatment.  
Comments Date: 01032002  
Comments: Soil gas sampling of soils in the former tank farm area and  
Comments Date: 01032002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Comments: process area was completed to track progress with the Soil  
Comments Date: 01032002  
Comments: Vapor Extraction System.  
Comments Date: 01242003  
Comments: DTSC granted approval for decommissioning of eight on-site  
Comments Date: 01242003  
Comments: groundwater wells and piezometers which are not used for  
Comments Date: 01242003  
Comments: groundwater monitoring.  
Comments Date: 01311990  
Comments: This is the date the site was first listed pursuant to  
Comments Date: 01311990  
Comments: section 25356.  
Comments Date: 02142000  
Comments: Monsanto/Solutia has requested a RAP re-opener due to a change  
Comments Date: 02142000  
Comments: in site conditions and implementability of the selected  
Comments Date: 02142000  
Comments: remedies for the site.  
Comments Date: 02142000  
Comments: Not reported  
Comments Date: 02142000  
Comments: A pilot air sparging test was conducted and did not reproduce  
Comments Date: 02142000  
Comments: previous Radius of Influence (ROIs) (far lower than originally  
Comments Date: 02142000  
Comments: estimated). The groundwater table has risen causing the LNAPL  
Comments Date: 02142000  
Comments: to become entrained beneath the water table.  
Comments Date: 03071996  
Comments: DTSC signed a Consent Order with the RPs.  
Comments Date: 03281997  
Comments: Approval of Remedial Design Specifications document, with  
Comments Date: 03281997  
Comments: Addendum prepared by DTSC.  
Comments Date: 04011997  
Comments: The Remedial Design Specification Report was approved on  
Comments Date: 04011997  
Comments: March 28, 1997, with an Addendum completed by DTSC.  
Comments Date: 04141995  
Comments: The CEQA documents (Negative Declaration) and the Remedial  
Comments Date: 04141995  
Comments: Action Plan are approved following a 30-day public comment  
Comments Date: 04141995  
Comments: period. The recommended alternative includes the following  
Comments Date: 04141995  
Comments: elements: institutional controls; monitoring; excavation,  
Comments Date: 04141995  
Comments: in-situ and ex-situ bio-treatment, soil vapor extraction and  
Comments Date: 04141995  
Comments: bioventing of deep soils and shallow soils; thermal/catalytic  
Comments Date: 04141995  
Comments: oxidation of soil vapor; vacuum enhanced LNAPL recovery with  
Comments Date: 04141995  
Comments: total fluids pumps; recovered LNAPL disposal by a certified  
Comments Date: 04141995  
Comments: waste recycler or a permitted hazardous waste TSDF; groundwater

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Comments Date: 04141995  
Comments: remediation by air sparging within the SVE capture radius and  
Comments Date: 04141995  
Comments: plume of groundwater contamination; if necessary groundwater  
Comments Date: 04141995  
Comments: extraction and treatment with air stripping followed by GAC;  
Comments Date: 04141995  
Comments: and treated groundwater discharge to the sanitary sewer.  
Comments Date: 04141995  
Comments: Sparging would not be implemented until the LNAPL had been  
Comments Date: 04141995  
Comments: removed.  
Comments Date: 05011995  
Comments: DTSC recieved the Remedial Investigation Report dated 8/93  
Comments Date: 05011995  
Comments: from Monsanto and the Baseline Health Risk Assessment in  
Comments Date: 05011995  
Comments: early 1994. The RI/FS was approved in January 1995. With  
Comments Date: 05011995  
Comments: DTSC's concurrence, Fact Sheet #4 and the CEQA documents  
Comments Date: 05011995  
Comments: (Negative Declaration) were approved. The public meeting  
Comments Date: 05011995  
Comments: was held March 8, 1995. Comments were accepted and addressed.  
Comments Date: 05011995  
Comments: The final RAP was adopted by DTSC on April 14, 1995.  
Comments Date: 05011995  
Comments: Not reported  
Comments Date: 05011995  
Comments: The Consent Order to implement the RAP was signed on  
Comments Date: 05011995  
Comments: March 7, 1996.  
Comments Date: 06121989  
Comments: Site Screening Done: RP in violation of DHS permit. RP  
Comments Date: 06121989  
Comments: prepared a Preliminary Assessment/Site Inspection report  
Comments Date: 06121989  
Comments: (submitted 09/88). Release of benzene and DCE to upper  
Comments Date: 06121989  
Comments: aquifer. Chemical dump site 1952-1965 not addressed. RP  
Comments Date: 06121989  
Comments: is negotiating with ICI (other RP).  
Comments Date: 06191995  
Comments: The Consent Order to implement the RAP, including the Operation  
Comments Date: 06191995  
Comments: and Maintenance (O&M) Plan is being drafted. The final order  
Comments Date: 06191995  
Comments: is expected to be fully executed by the end of July 1995.  
Comments Date: 06231999  
Comments: Remediation of two (2) excavated areas treated in a biopile was  
ID Name: CALSTARS CODE  
ID Value: 400266  
ID Name: BEP DATABASE PCODE  
ID Value: P43054  
Alternate Name: MONSANTO CHEMICAL COMPANY  
Alternate Name: SOLUTIA  
Alternate Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Special Programs Code: Not reported  
Special Programs Name: Not reported

**SWEEPS UST:**

Name: MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT  
Address: 2100 E 223RD ST  
City: CARSON  
Status: Not reported  
Comp Number: 5175  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005175-000002  
Tank Status: Not reported  
Capacity: 2150  
Active Date: Not reported  
Tank Use: EMPTY  
STG: WASTE  
Content: Not reported  
Number Of Tanks: 1

**CA FID UST:**

Facility ID: 19029192  
Regulated By: UTKNI  
Regulated ID: CAD043555  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2138304353  
Mail To: Not reported  
Mailing Address: 2100 E 223RD ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CARSON 90810  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**EMI:**

Name: MONSANTO CO (EIS USE)  
Address: 2100 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 800227  
Air District Name: SC  
SIC Code: 2841  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY/ C/O LARRY ADAMS SUPERINTENDANT (Continued)**

**1000376908**

Total Organic Hydrocarbon Gases Tons/Yr: 58  
Reactive Organic Gases Tons/Yr: 50  
Carbon Monoxide Emissions Tons/Yr: 26  
NOX - Oxides of Nitrogen Tons/Yr: 41  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 2  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2

Name: MONSANTO CO (EIS USE)  
Address: 2100 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 800227  
Air District Name: SC  
SIC Code: 2841  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 155  
Reactive Organic Gases Tons/Yr: 116  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 33  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 2  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2

**LOS ANGELES CO. HMS:**

Name: WITCO CHEMICAL CO  
Address: 2100 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Region: LA  
Permit Category: Not reported  
Facility Id: 004987-005175  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

Name: REMEDIATION CAPITAL CORP  
Address: 2100 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Region: LA  
Permit Category: Not reported  
Facility Id: 004987-021487  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B20**  
**WNW**  
**< 1/8**  
**0.021 mi.**  
**112 ft.**

**SOLUTIA INC. CARSON SITE**  
**2100 EAST 223RD STREET**  
**CARSON, CA 90745**

**CORRACTS**  
**RCRA-TSDF**  
**RCRA-LQG**  
**CA HWP**

**1000376909**  
**CAD043555366**

**Site 4 of 6 in cluster B**

**Relative:**  
**Higher**  
**Actual:**  
**23 ft.**

**CORRACTS:**

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19980608  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 53119  
Lessors of Other Real Estate Property  
Original schedule date: 19980608  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19980608  
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
NAICS Code(s): 53119  
Lessors of Other Real Estate Property  
Original schedule date: 19980608  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19950414  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 53119  
Lessors of Other Real Estate Property  
Original schedule date: 19950414  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19950123  
Action: CA350 - CMS Approved  
NAICS Code(s): 53119  
Lessors of Other Real Estate Property  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19950123  
Action: CA200 - RFI Approved  
NAICS Code(s): 53119  
Lessors of Other Real Estate Property  
Original schedule date: Not reported  
Schedule end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19940523  
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations

NAICS Code(s): 53119  
Lessors of Other Real Estate Property

Original schedule date: 19940523  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19920727  
Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available

NAICS Code(s): 53119  
Lessors of Other Real Estate Property

Original schedule date: 19920727  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19920526  
Action: CA050 - RFA Completed

NAICS Code(s): 53119  
Lessors of Other Real Estate Property

Original schedule date: 19920526  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19920313  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary

NAICS Code(s): 53119  
Lessors of Other Real Estate Property

Original schedule date: 19920313  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19920313  
Action: CA050 - RFA Completed

NAICS Code(s): 53119  
Lessors of Other Real Estate Property

Original schedule date: 19920313  
Schedule end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19920131  
Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control  
NAICS Code(s): 53119  
Lessors of Other Real Estate Property  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19910923  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 53119  
Lessors of Other Real Estate Property  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD043555366  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19910207  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 53119  
Lessors of Other Real Estate Property  
Original schedule date: Not reported  
Schedule end date: Not reported

**RCRA-TSDF:**

Date form received by agency: 02/27/2016  
Facility name: SOLUTIA INC. CARSON SITE  
Facility address: 2100 EAST 223RD STREET  
CARSON, CA 90745  
EPA ID: CAD043555366  
Mailing address: DEAUVILLE DRIVE  
HUNTINGTON BEACH, CA 92646  
Contact: LARRY ADAMS  
Contact address: DEAUVILLE DRIVE  
HUNTINGTON BEACH, CA 92646  
Contact country: US  
Contact telephone: 714-963-7624  
Contact email: ADAMSACS@GMAIL.COM  
EPA Region: 09  
Land type: Private  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: SOLUTIA INC.  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 09/22/1997  
Owner/Op end date: Not reported

Owner/operator name: SOLUTIA INC.  
Owner/operator address: DEAUVILLE DRIVE  
HUNTINGTON BEACH, CA 92646  
Owner/operator country: US  
Owner/operator telephone: 714-963-7624  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 04/19/2001  
Owner/Op end date: Not reported

Owner/operator name: SOLUTIA INC.  
Owner/operator address: 575 MARYVILLE CENTRE DRIVE  
ST. LOUIS, MO 63141  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 04/19/2001  
Owner/Op end date: Not reported

Owner/operator name: SOLUTIA INC.  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

Owner/Op start date: 04/19/2001  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/09/2012  
Site name: SOLUTIA INC. CARSON SITE  
Classification: Large Quantity Generator

Date form received by agency: 07/27/2010  
Site name: SOLUTIA INC. CARSON SITE  
Classification: Large Quantity Generator

Date form received by agency: 03/31/2008  
Site name: SOLUTIA INC. CARSON SITE  
Classification: Large Quantity Generator

Date form received by agency: 03/02/1993  
Site name: MONSANTO CHEM CO  
Classification: Large Quantity Generator

Date form received by agency: 03/02/1993  
Site name: MONSANTO CHEM CO  
Classification: Small Quantity Generator

Date form received by agency: 02/27/1992  
Site name: MONSANTO COMPANY CARSON PLANT  
Classification: Large Quantity Generator

Date form received by agency: 04/12/1990  
Site name: MONSANTO COMPANY / CARSON PLANT  
Classification: Large Quantity Generator

Date form received by agency: 08/11/1980  
Site name: MONSANTO CHEM CO  
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 134

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

- . Waste name: Aqueous solution with <10% total organic residues
- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
- . Waste code: D042
- . Waste name: 2,4,6-TRICHLOROPHENOL
- . Waste code: D043
- . Waste name: VINYL CHLORIDE
- . Waste code: U019
- . Waste name: BENZENE (I,T)

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

- Waste code: D018
- Waste name: BENZENE
- Amount (Lbs): 37333
  
- Waste code: D028
- Waste name: 1,2-DICHLOROETHANE
- Amount (Lbs): 20966
  
- Waste code: D042
- Waste name: 2,4,6-TRICHLOROPHENOL
- Amount (Lbs): 20966

Corrective Action Summary:

- Event date: 12/05/1990
- Event: CMS IMPOSITION
  
- Event date: 12/05/1990
- Event: INVESTIGATION IMPOSITION
  
- Event date: 02/07/1991
- Event: CMS WORKPLAN APPROVED
  
- Event date: 09/23/1991
- Event: INVESTIGATION WORKPLAN APPROVED
  
- Event date: 01/31/1992
- Event: STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL &/OR TRT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTION INC. CARSON SITE (Continued)**

**1000376909**

Event date:	01/31/1992
Event:	STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS EXPOSURE CONTROL
Event date:	03/13/1992
Event:	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Event date:	03/13/1992
Event:	RFA COMPLETED-ASSESSMENT WAS A RFA
Event date:	03/13/1992
Event:	RFA COMPLETED
Event date:	05/26/1992
Event:	RFA COMPLETED
Event date:	05/26/1992
Event:	LEAD AGENCY DETERMINATION
Event date:	05/26/1992
Event:	RFA COMPLETED-ASSESSMENT WAS A PA-PLUS
Event date:	05/26/1992
Event:	CA PRIORITIZATION-MEDIUM CA PRIORITY
Event date:	07/27/1992
Event:	STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY
Event date:	07/27/1992
Event:	STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY
Event date:	07/27/1992
Event:	CA PRIORITIZATION-MEDIUM CA PRIORITY
Event date:	10/31/1992
Event:	STABILIZATION CONSTRUCTION COMPLETED
Event date:	05/23/1994
Event:	STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
Event date:	05/23/1994
Event:	STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
Event date:	01/23/1995
Event:	CMS COMPLETE
Event date:	01/23/1995
Event:	INVESTIGATION COMPLETE
Event date:	04/14/1995
Event:	REMEDY DECISION
Event date:	04/14/1995
Event:	REMEDY DECISION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

Event date: 06/08/1998  
Event: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION

Event date: 06/08/1998  
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED

Event date: 06/08/1998  
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED

Event date: 06/08/1998  
Event: REFERRED TO A NON-RCRA AUTHORITY

Event date: 06/08/1998  
Event: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION

Facility Has Received Notices of Violations:

Regulation violated: F - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 08/21/1992  
Date achieved compliance: 09/22/1992  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/21/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 1200  
Final penalty amount: 1200  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 10/30/1989  
Date achieved compliance: 10/24/1990  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/12/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 10/03/1989  
Date achieved compliance: 11/07/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/16/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTION INC. CARSON SITE (Continued)**

**1000376909**

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

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 01/26/1987  
Date achieved compliance: 10/30/1989  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: 01/26/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

**Evaluation Action Summary:**

Evaluation date: 08/26/1992  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/06/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/22/1992  
Evaluation lead agency: State

Evaluation date: 10/30/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 10/24/1990  
Evaluation lead agency: State

Evaluation date: 10/03/1989  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 11/07/1989  
Evaluation lead agency: State

Evaluation date: 01/26/1987  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 10/30/1989  
Evaluation lead agency: EPA

**RCRA-LQG:**

Date form received by agency: 02/27/2016  
Facility name: SOLUTION INC. CARSON SITE  
Facility address: 2100 EAST 223RD STREET  
CARSON, CA 90745  
EPA ID: CAD043555366  
Mailing address: DEAUVILLE DRIVE  
HUNTINGTON BEACH, CA 92646  
Contact: LARRY ADAMS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTION INC. CARSON SITE (Continued)**

**1000376909**

Contact address: DEAUVILLE DRIVE  
HUNTINGTON BEACH, CA 92646

Contact country: US

Contact telephone: 714-963-7624

Contact email: ADAMSACS@GMAIL.COM

EPA Region: 09

Land type: Private

Classification: TSDF

Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: SOLUTION INC.

Owner/operator address: Not reported  
Not reported

Owner/operator country: US

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 09/22/1997

Owner/Op end date: Not reported

Owner/operator name: SOLUTION INC.

Owner/operator address: DEAUVILLE DRIVE  
HUNTINGTON BEACH, CA 92646

Owner/operator country: US

Owner/operator telephone: 714-963-7624

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 04/19/2001

Owner/Op end date: Not reported

Owner/operator name: SOLUTION INC.

Owner/operator address: 575 MARYVILLE CENTRE DRIVE  
ST. LOUIS, MO 63141

Owner/operator country: US

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 04/19/2001  
Owner/Op end date: Not reported

Owner/operator name: SOLUTIA INC.  
Owner/operator address: Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 04/19/2001  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/09/2012  
Site name: SOLUTIA INC. CARSON SITE  
Classification: Large Quantity Generator

Date form received by agency: 07/27/2010  
Site name: SOLUTIA INC. CARSON SITE  
Classification: Large Quantity Generator

Date form received by agency: 03/31/2008  
Site name: SOLUTIA INC. CARSON SITE  
Classification: Large Quantity Generator

Date form received by agency: 03/02/1993  
Site name: MONSANTO CHEM CO  
Classification: Large Quantity Generator

Date form received by agency: 03/02/1993  
Site name: MONSANTO CHEM CO



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

Classification: Small Quantity Generator

Date form received by agency: 02/27/1992

Site name: MONSANTO COMPANY CARSON PLANT

Classification: Large Quantity Generator

Date form received by agency: 04/12/1990

Site name: MONSANTO COMPANY / CARSON PLANT

Classification: Large Quantity Generator

Date form received by agency: 08/11/1980

Site name: MONSANTO CHEM CO

Classification: Large Quantity Generator

Hazardous Waste Summary:

- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues
  
- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups
  
- . Waste code: D018
- . Waste name: BENZENE
  
- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D042
- . Waste name: 2,4,6-TRICHLOROPHENOL
  
- . Waste code: D043
- . Waste name: VINYL CHLORIDE
  
- . Waste code: U019
- . Waste name: BENZENE (I,T)

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

- Waste code: D018
- Waste name: BENZENE
- Amount (Lbs): 37333
  
- Waste code: D028
- Waste name: 1,2-DICHLOROETHANE
- Amount (Lbs): 20966
  
- Waste code: D042
- Waste name: 2,4,6-TRICHLOROPHENOL
- Amount (Lbs): 20966

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

Corrective Action Summary:

Event date:	12/05/1990
Event:	CMS IMPOSITION
Event date:	12/05/1990
Event:	INVESTIGATION IMPOSITION
Event date:	02/07/1991
Event:	CMS WORKPLAN APPROVED
Event date:	09/23/1991
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	01/31/1992
Event:	STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL &/OR TRT
Event date:	01/31/1992
Event:	STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS EXPOSURE CONTROL
Event date:	03/13/1992
Event:	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Event date:	03/13/1992
Event:	RFA COMPLETED-ASSESSMENT WAS A RFA
Event date:	03/13/1992
Event:	RFA COMPLETED
Event date:	05/26/1992
Event:	RFA COMPLETED
Event date:	05/26/1992
Event:	LEAD AGENCY DETERMINATION
Event date:	05/26/1992
Event:	RFA COMPLETED-ASSESSMENT WAS A PA-PLUS
Event date:	05/26/1992
Event:	CA PRIORITIZATION-MEDIUM CA PRIORITY
Event date:	07/27/1992
Event:	STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY
Event date:	07/27/1992
Event:	STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY
Event date:	07/27/1992
Event:	CA PRIORITIZATION-MEDIUM CA PRIORITY
Event date:	10/31/1992
Event:	STABILIZATION CONSTRUCTION COMPLETED
Event date:	05/23/1994
Event:	STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

Event date: 05/23/1994  
Event: STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION

Event date: 01/23/1995  
Event: CMS COMPLETE

Event date: 01/23/1995  
Event: INVESTIGATION COMPLETE

Event date: 04/14/1995  
Event: REMEDY DECISION

Event date: 04/14/1995  
Event: REMEDY DECISION

Event date: 06/08/1998  
Event: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION

Event date: 06/08/1998  
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED

Event date: 06/08/1998  
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED

Event date: 06/08/1998  
Event: REFERRED TO A NON-RCRA AUTHORITY

Event date: 06/08/1998  
Event: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION

Facility Has Received Notices of Violations:

Regulation violated: F - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 08/21/1992  
Date achieved compliance: 09/22/1992  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/21/1992  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 1200  
Final penalty amount: 1200  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 10/30/1989  
Date achieved compliance: 10/24/1990  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/12/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 10/03/1989  
Date achieved compliance: 11/07/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/16/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 01/26/1987  
Date achieved compliance: 10/30/1989  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: 01/26/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 08/26/1992  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/06/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/22/1992  
Evaluation lead agency: State

Evaluation date: 10/30/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 10/24/1990  
Evaluation lead agency: State

Evaluation date: 10/03/1989  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 11/07/1989  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

Evaluation date: 01/26/1987  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 10/30/1989  
Evaluation lead agency: EPA

HWP:

Name: SOLUTIA INC  
Address: 2100 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
EPA Id: CAD043555366  
Cleanup Status: CLOSED  
Latitude: 33.82400  
Longitude: -118.2378  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 64  
Senate District: 35  
Public Information Officer: Not reported  
Public Information Officer: Not reported

Activities:

EPA Id: CAD043555366  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - CALL-IN LETTER ISSUED  
Actual Date: 10/31/1991

EPA Id: CAD043555366  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED  
Actual Date: 05/04/1992

EPA Id: CAD043555366  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED  
Actual Date: 11/12/1991

Closure:

EPA Id: CAD043555366  
Facility Type: Historical - Non-Operating  
Unit Names: BIFBOIL1  
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION  
Actual Date: 07/01/1993

EPA Id: CAD043555366  
Facility Type: Historical - Non-Operating  
Unit Names: BIFBOIL1  
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION  
Actual Date: 09/23/1992

Alias:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC. CARSON SITE (Continued)**

**1000376909**

EPA Id: CAD043555366  
Facility Type: Historical - Non-Operating  
Alias Type: FRS  
Alias: 110000749281

**21  
SW  
< 1/8  
0.041 mi.  
215 ft.**

**POLYONE CORP  
2104 E 223RD ST  
CARSON, CA 90810**

**CA CERS HAZ WASTE  
CA LOS ANGELES CO. HMS  
CA CERS**

**S118689610  
N/A**

**Relative:  
Higher**

**CERS HAZ WASTE:**

**Actual:  
23 ft.**

Name: POLYONE CORP  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 58111  
CERS ID: 10295941  
CERS Description: Hazardous Waste Generator

**LOS ANGELES CO. HMS:**

Name: POLYONE CORP  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 908101611  
Region: LA  
Permit Category: S  
Facility Id: 004692-047331  
Facility Type: S6  
Facility Status: Closed  
Area: 22  
Permit Number: CGI016383  
Permit Status: Closed

**CERS:**

Name: POLYONE CORP  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 58111  
CERS ID: 10295941  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 58111  
Site Name: POLYONE CORP  
Violation Date: 12-10-2015  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 12/18/2015. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for materials listed below to the CUPA. Observed 19 x 55 gallon containers of lube oil /gear oil / vacuum pump oil at the maintenance area totalling to 1,045 gallons. These oils were not in the hazmat inventory list for 2015. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLYONE CORP (Continued)**

**S118689610**

Violation Division: materials listed above electronically in the California Environmental Reporting System (CERS).  
Violation Program: Los Angeles County Fire Department  
Violation Source: HMRRP  
CERS

Evaluation:  
Eval General Type: Other/Unknown  
Eval Date: 01-15-2016  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-10-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: David Reyes, EH&S Specialist No significant violations observed at the time of inspection.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-10-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: David Reyes, EH&S Specialist.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Coordinates:  
Site ID: 58111  
Facility Name: POLYONE CORP  
Env Int Type Code: HMBP  
Program ID: 10295941  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.822170  
Longitude: -118.236530

Affiliation:  
Affiliation Type Desc: Public Contact  
Entity Name: Rod Myers  
Entity Title: Not reported  
Affiliation Address: P.O BOX 9077  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90745  
Affiliation Phone: 3105137111

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLYONE CORP (Continued)**

**S118689610**

Affiliation Type Desc:	Technical Contact
Entity Name:	David Reyes
Entity Title:	Not reported
Affiliation Address:	P.O BOX 9077
Affiliation City:	LONG BEACH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90745
Affiliation Phone:	3105137127
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4045
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 9077
Affiliation City:	LONG BEACH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90810
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	PolyOne Corporation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Company Official
Entity Name:	Rodney Myers
Entity Title:	Plant Manager
Affiliation Address:	P.O BOX 9077
Affiliation City:	LONG BEACH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90745
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	ROD MYERS
Entity Title:	PLANT MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLYONE CORP (Continued)**

**S118689610**

Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: PolyOne Corporation  
Entity Title: Not reported  
Affiliation Address: P. O. BOX 9077  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (440) 930-1000

Affiliation Type Desc: Parent Company  
Entity Name: POLYONE CORP  
Entity Title: Not reported  
Affiliation Address: P.O BOX 9077  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90745  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: David Reyes  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: DAVID REYES  
Entity Title: Not reported  
Affiliation Address: PO BOX 9077  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: PolyOne Corporation  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 513-7111

Name: POLYONE CORP  
Address: 2104 E 223RD ST  
City,State,Zip: CARSON, CA 90810

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLYONE CORP (Continued)**

**S118689610**

Site ID: 58111  
CERS ID: 90745BFGDR2104E  
CERS Description: Toxic Release Inventory

Violations:  
Site ID: 58111  
Site Name: POLYONE CORP  
Violation Date: 12-10-2015  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Returned to compliance on 12/18/2015. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for materials listed below to the CUPA. Observed 19 x 55 gallon containers of lube oil /gear oil / vacuum pump oil at the maintenance area totalling to 1,045 gallons. These oils were not in the hazmat inventory list for 2015. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Other/Unknown  
Eval Date: 01-15-2016  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-10-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: David Reyes, EH&S Specialist No significant violations observed at the time of inspection.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-10-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: David Reyes, EH&S Specialist.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Coordinates:  
Site ID: 58111

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLYONE CORP (Continued)**

**S118689610**

Facility Name: POLYONE CORP  
Env Int Type Code: HMBP  
Program ID: 10295941  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.822170  
Longitude: -118.236530

Affiliation:

Affiliation Type Desc: Public Contact  
Entity Name: Rod Myers  
Entity Title: Not reported  
Affiliation Address: P.O BOX 9077  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90745  
Affiliation Phone: 3105137111

Affiliation Type Desc: Technical Contact  
Entity Name: David Reyes  
Entity Title: Not reported  
Affiliation Address: P.O BOX 9077  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90745  
Affiliation Phone: 3105137127

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: PO BOX 9077  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: PolyOne Corporation  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLYONE CORP (Continued)**

**S118689610**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Company Official
Entity Name:	Rodney Myers
Entity Title:	Plant Manager
Affiliation Address:	P.O BOX 9077
Affiliation City:	LONG BEACH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90745
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	ROD MYERS
Entity Title:	PLANT MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	PolyOne Corporation
Entity Title:	Not reported
Affiliation Address:	P. O. BOX 9077
Affiliation City:	LONG BEACH
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90810
Affiliation Phone:	(440) 930-1000
Affiliation Type Desc:	Parent Company
Entity Name:	POLYONE CORP
Entity Title:	Not reported
Affiliation Address:	P.O BOX 9077
Affiliation City:	LONG BEACH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90745
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	David Reyes
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	DAVID REYES
Entity Title:	Not reported
Affiliation Address:	PO BOX 9077
Affiliation City:	LONG BEACH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLYONE CORP (Continued)**

**S118689610**

Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported  
  
Affiliation Type Desc: Operator  
Entity Name: PolyOne Corporation  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 513-7111

**B22**  
**WNW**  
**< 1/8**  
**0.043 mi.**  
**229 ft.**

**FIRE STATION 127**  
**2049 E 223RD ST**  
**CARSON, CA 90063**  
**Site 5 of 6 in cluster B**

**CA CPS-SLIC** **U001562276**  
**CA HIST UST** **N/A**  
**CA CERS**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

**CPS-SLIC:**  
Name: CITY OF CARSON - LA COUNTY PROPERTY  
Address: 2049 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Region: STATE  
**Facility Status:** **Open - Inactive**  
Status Date: 01/21/2015  
Global Id: SLT43300298  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.824282  
Longitude: -118.238166  
Case Type: Cleanup Program Site  
Case Worker: AGH  
Local Agency: Not reported  
RB Case Number: 0496B8  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**HIST UST:**  
Name: FIRE STATION 127  
Address: 2049 E 223RD ST  
City,State,Zip: CARSON, CA 90063  
File Number: 00027766  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027766.pdf>  
Region: STATE  
Facility ID: 00000020756  
Facility Type: Other  
Other Type: FIRE ST.  
Contact Name: L.A. COUNTY MECHANICAL DEPARTM  
Telephone: 2132672242

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION 127 (Continued)**

**U001562276**

Owner Name: LOS ANGELES COUNTY MECHANICAL  
Owner Address: 1100 N. EASTERN AVE.  
Owner City,St,Zip: LOS ANGELES, CA 90063  
Total Tanks: 0002

Tank Num: 001  
Container Num: #1  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: #2  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

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

**CERS:**

Name: CITY OF CARSON - LA COUNTY PROPERTY  
Address: 2049 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Site ID: 227056  
CERS ID: SLT43300298  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: ARTHUR G. HEATH - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4th Street, Suite  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766725

**B23**  
**WNW**  
**< 1/8**  
**0.043 mi.**  
**229 ft.**

**CITY OF CARSON - LUCAS PROPERTY**  
**2059 E. 223RD ST**  
**CARSON, CA 90745**  
**Site 6 of 6 in cluster B**

**CA CPS-SLIC** **S106485581**  
**CA CERS** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

CPS-SLIC:  
Name: CITY OF CARSON - LUCAS PROPERTY  
Address: 2059 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Region: STATE  
**Facility Status: Open - Inactive**  
Status Date: 01/21/2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - LUCAS PROPERTY (Continued)**

**S106485581**

Global Id: SLT43297295  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.824282  
Longitude: -118.238166  
Case Type: Cleanup Program Site  
Case Worker: AGH  
Local Agency: Not reported  
RB Case Number: 0496B5  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

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

**CERS:**

Name: CITY OF CARSON - LUCAS PROPERTY  
Address: 2059 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Site ID: 229849  
CERS ID: SLT43297295  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: ARTHUR G. HEATH - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4th Street, Suite  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766725

**E24**  
**ENE**  
**< 1/8**  
**0.043 mi.**  
**229 ft.**

**CORMIER HYUNDAI**  
**2233 E 223RD ST**  
**LONG BEACH, CA 90810**

**Site 1 of 3 in cluster E**

**RCRA-SQG 1000594483**  
**CA SWEEPS UST CAD983583139**  
**FINDS**  
**ECHO**  
**CA LOS ANGELES CO. HMS**

**Relative:**  
**Higher**

**RCRA-SQG:**

**Actual:**  
**24 ft.**

Date form received by agency: 05/20/1991  
Facility name: CORMIER HYUNDAI  
Facility address: 2233 E 223RD ST  
LONG BEACH, CA 90810  
EPA ID: CAD983583139  
Mailing address: E 223RD ST  
LONG BEACH, CA 90810  
Contact: WESOLOSKI TOM  
Contact address: 2233 E 223RD ST  
LONG BEACH, CA 90810  
Contact country: US  
Contact telephone: 213-830-6400  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER HYUNDAI (Continued)**

**1000594483**

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Violation Status: No violations found

SWEEPS UST:

Name: CORMIER HYUNDAI  
Address: 2233 E 223RD ST  
City: CARSON  
Status: Active



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER HYUNDAI (Continued)**

**1000594483**

Comp Number: 11231  
Number: 9  
Board Of Equalization: 44-009181  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-011231-000001  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: 2

Name: CORMIER HYUNDAI  
Address: 2233 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 11231  
Number: 9  
Board Of Equalization: 44-009181  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-011231-000002  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

**FINDS:**

Registry ID: 110002844931

**Environmental Interest/Information System**

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

[Click this hyperlink](http://echo.epa.gov/detailed-facility-report?fid=110002844931) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1000594483  
Registry ID: 110002844931  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002844931>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER HYUNDAI (Continued)**

**1000594483**

LOS ANGELES CO. HMS:

Name: CORMIER HYUNDAI  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 908101614  
Region: LA  
Permit Category: T  
Facility Id: 008455-011231  
Facility Type: 0  
Facility Status: Closed  
Area: 22  
Permit Number: 00002761T  
Permit Status: Closed

Name: CORMIER HYUNDAI  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 908101614  
Region: LA  
Permit Category: I  
Facility Id: 008455-I11231  
Facility Type: 01  
Facility Status: Closed  
Area: 22  
Permit Number: 00008801C  
Permit Status: Closed

Name: CORMIER HYUNDAI  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 908101614  
Region: LA  
Permit Category: I  
Facility Id: 008455-I11231  
Facility Type: 01  
Facility Status: Closed  
Area: 22  
Permit Number: 000133297  
Permit Status: Removed

**F25  
WNW  
< 1/8  
0.046 mi.  
241 ft.**

**PRAXAIR DISTRIBUTION INC  
2006 E 223RD ST # A  
LONG BEACH, CA 90810  
Site 1 of 8 in cluster F**

**CA UST U004049955  
N/A**

**Relative:  
Higher**

UST:

Name: PRAXAIR DISTRIBUTION INC  
Address: 2006 E 223RD ST # A  
City,State,Zip: LONG BEACH, CA 90810  
Facility ID: LACoFA0001227  
Permitting Agency: Los Angeles County Fire Department  
Latitude: 33.82288  
Longitude: -118.239578

**Actual:  
24 ft.**

Name: PRAXAIR, INC. - 578  
Address: 2006 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Facility ID: LACoFA0001227  
Permitting Agency: Los Angeles County Fire Department

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PRAXAIR DISTRIBUTION INC (Continued)**

**U004049955**

Latitude: 33.8229  
 Longitude: -118.23957  
  
 Name: PRAXAIR INC  
 Address: 2006 E 223RD ST  
 City,State,Zip: LONG BEACH, CA 90810  
 Facility ID: 4866  
 Permitting Agency: LONG BEACH, CITY OF  
 Latitude: 33.824222  
 Longitude: -118.238218

**G26**  
**West**  
**< 1/8**  
**0.051 mi.**  
**267 ft.**

**MONSANTO CHEMICAL COMPANY**  
**2100 EAST 223RD STREET**  
**CARSON, CA 90810**

**CA RESPONSE**  
**CA ENVIROSTOR**  
**CA Cortese**  
**CA HIST CORTESE**

**S104404731**  
**N/A**

**Site 1 of 3 in cluster G**

**Relative:**  
**Higher**  
  
**Actual:**  
**24 ft.**

**RESPONSE:**  
 Name: MONSANTO CHEMICAL COMPANY  
 Address: 2100 EAST 223RD STREET  
 City,State,Zip: CARSON, CA 90810  
 Facility ID: 19281200  
 Site Type: State Response  
 Site Type Detail: State Response or NPL  
 Acres: 11  
 National Priorities List: NO  
 Cleanup Oversight Agencies: SMBRP  
 Lead Agency Description: DTSC - Site Cleanup Program  
 Project Manager: Hossein Nassiri  
 Supervisor: Emad Yemut  
 Division Branch: Southern California Schools & Brownfields Outreach  
 Site Code: 400266  
 Site Mgmt. Req.: NONE SPECIFIED  
 Assembly: 64  
 Senate: 35  
 Special Program Status: Not reported  
 Status: Active  
 Status Date: 04/23/1996  
 Restricted Use: NO  
 Funding: Responsible Party  
 Latitude: 33.82291  
 Longitude: -118.2383  
 APN: 7315008030  
 Past Use: MANUFACTURING - CHEMICALS  
 Potential COC : \* HALOGENATED SOLVENTS \* HYDROCARBON SOLVENTS  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: OTH, SOIL  
 Alias Name: SOLUTIA  
 Alias Type: Alternate Name  
 Alias Name: 7315008030  
 Alias Type: APN  
 Alias Name: 110000749281  
 Alias Type: EPA (FRS #)  
 Alias Name: SLT43131129  
 Alias Type: GeoTracker Global ID  
 Alias Name: P43054  
 Alias Type: PCode  
 Alias Name: 400266

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Alias Type: Project Code (Site Code)  
Alias Name: 19281200  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order  
Completed Date: 12/05/1990  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 02/09/1989  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order  
Completed Date: 03/07/1996  
Comments: DTSC signed a Consent Order with the RPs.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 04/14/1995  
Comments: The CEQA documents (Negative Declaration) and the Remedial Action Plan are approved following a 30-day public comment period. The recommended alternative includes the following elements: institutional controls; monitoring; excavation, in-situ and ex-situ bio-treatment, soil vapor extraction and bioventing of deep soils and shallow soils; thermal/catalytic oxidation of soil vapor; vacuum enhanced LNAPL recovery with total fluids pumps; recovered LNAPL disposal by a certified waste recycler or a permitted hazardous waste TSDF; groundwater remediation by air sparging within the SVE capture radius and plume of groundwater contamination; if necessary groundwater extraction and treatment with air stripping followed by GAC; and treated groundwater discharge to the sanitary sewer. Sparging would not be implemented until the LNAPL had been removed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order  
Completed Date: 10/29/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Cost Recovery Settlements/Decrees  
Completed Date: 01/13/1999  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 06/29/2012  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/21/2013  
Comments: Annual Cost Estimate sent.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 05/21/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 07/14/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/14/2016  
Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/09/2015  
Comments: FY 1516 Annual Cost Estimate completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/04/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 08/13/2018  
Comments: FY 1819 Estimate: \$43,558

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/09/2019  
Comments: FY 1819 Revised Estimate: \$55,169

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/18/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 10/13/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/06/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/12/2016  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/19/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/18/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/11/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/13/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/11/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/12/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/12/2016  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/31/2017  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/13/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/13/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Manual  
Completed Date: 11/05/2017  
Comments: No comments on the given document. DTSC concur with O&M.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/25/2009  
Comments: Approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Installation Workplan  
Completed Date: 08/19/2009  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 09/14/2010  
Comments: This was replaced by another work plan.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/25/2009  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 09/14/2010  
Comments: Data from this report has been used for investigation and cleanup planning.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Document Type: Pilot Study/Treatability Workplan

Completed Date: 09/06/2011

Comments: Completed & approved

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Removal Action Workplan

Completed Date: 10/12/2010

Comments: The revised Final Interim Remedial Action Work Plan appears to incorporate our previous comments relayed to Solutia on 9/15/10.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 12/31/2010

Comments: received

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 10/18/2011

Comments: Document received. Data will be used to make decisions regarding the cleanup of the site.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 09/17/2012

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 10/17/2012

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 03/12/2013

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 09/26/2013

Comments: Monthly GW monitoring Report for September 2013

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report

Completed Date: 04/01/2014

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Monitoring Report



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 10/13/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/19/2010  
Comments: Received report on time.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/15/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/10/2010  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/10/2011  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/10/2011  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/10/2011  
Comments: Received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/10/2011  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/10/2011  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/10/2011  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/10/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/11/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/06/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/12/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/10/2011  
Comments: Receipt of report acknowledged.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/10/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/16/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/03/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/22/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 06/08/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/08/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/14/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/11/2012  
Comments: Monthly progress report for soil gas and groundwater, Septemeber 2012

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/17/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/25/2013  
Comments: O/M - Routine GW monitoring report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/18/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/31/2012  
Comments: Monthly Progress Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/12/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/06/2013  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/11/2013  
Comments: Monthly Progress Report for month of March 2013

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/10/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/12/2013  
Comments: Monthly Progress Report

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

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/13/2013  
Comments: Monthly Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/26/2013  
Comments: Monthly Progress Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/26/2014  
Comments: Routine monthly progress report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/11/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/13/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 06/17/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/16/2014  
Comments: Routine monthly progress report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/19/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/11/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/20/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/11/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/06/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/13/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot/Treatability Study Report  
Completed Date: 03/19/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 12/11/2014  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 12/22/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 06/29/2012  
Comments: No Further Action for Soil is Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/12/2013  
Comments: GW monitoring report for August.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/14/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/14/2013  
Comments: Addendum Report - Part of Monthly Monitoring Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/19/2014  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 04/01/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Design - Preliminary/Intermediate  
Completed Date: 11/16/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/11/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 04/16/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 01/28/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 04/30/1991  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 06/12/1989  
Comments: Site Screening Done: RP in violation of DHS permit. RP prepared a Preliminary Assessment/Site Inspection report (submitted 09/88). Release of benzene and DCE to upper aquifer. Chemical dump site 1952-1965 not addressed. RP is negotiating with ICI (other RP).

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 01/11/1999  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 03/28/1997  
Comments: Approval of Remedial Design Specifications document, with Addendum prepared by DTSC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 04/14/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 01/23/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/01/2007  
Comments: Workplan was reviewed by the new geologist and approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Document Type: Monitoring Report  
Completed Date: 01/13/2009  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 01/13/2009  
Comments: Approved with the condition that they add the RTCs to the document.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 08/05/2008  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 08/19/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/13/2009  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot Study/Treatability Workplan  
Completed Date: 10/28/2008  
Comments: Approved with the stipulation that we get a revised WP in ASAP that shows the extra well we are requesting.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 09/03/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 12/11/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/11/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/22/2017



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Comments: Routine monthly report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/17/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/25/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/13/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/12/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/11/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/13/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/25/2017  
Comments: DTSC made a final comment.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/17/2018  
Comments: Conditionally approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/12/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/16/2018  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/11/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/15/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/13/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/11/2018  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/11/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/18/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 01/22/2019  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/30/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/16/2019

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Plan Amendment  
Completed Date: 11/05/2017  
Comments: DTSC concurs with this documents. Meeting with RP on 12/19 for further presentation on this project.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/27/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/27/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/14/2018  
Comments: Not reported

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2022  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Operations and Maintenance Report  
Schedule Due Date: 06/14/2019  
Schedule Revised Date: Not reported

**ENVIROSTOR:**

Name: MONSANTO CHEMICAL COMPANY  
Address: 2100 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Facility ID: 19281200  
Status: Active  
Status Date: 04/23/1996  
Site Code: 400266  
Site Type: State Response  
Site Type Detailed: State Response or NPL  
Acres: 11  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Hossein Nassiri  
Supervisor: Emad Yemut  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 64  
Senate: 35  
Special Program: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 33.82291  
Longitude: -118.2383  
APN: 7315008030  
Past Use: MANUFACTURING - CHEMICALS  
Potential COC: \* HALOGENATED SOLVENTS \* HYDROCARBON SOLVENTS  
Confirmed COC: NONE SPECIFIED  
Potential Description: OTH, SOIL  
Alias Name: SOLUTIA  
Alias Type: Alternate Name  
Alias Name: 7315008030  
Alias Type: APN  
Alias Name: 110000749281  
Alias Type: EPA (FRS #)  
Alias Name: SLT43131129  
Alias Type: GeoTracker Global ID  
Alias Name: P43054  
Alias Type: PCode  
Alias Name: 400266  
Alias Type: Project Code (Site Code)  
Alias Name: 19281200  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order  
Completed Date: 12/05/1990  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 02/09/1989  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order  
Completed Date: 03/07/1996  
Comments: DTSC signed a Consent Order with the RPs.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 04/14/1995  
Comments: The CEQA documents (Negative Declaration) and the Remedial Action Plan are approved following a 30-day public comment period. The recommended alternative includes the following elements: institutional controls; monitoring; excavation, in-situ and ex-situ bio-treatment, soil vapor extraction and bioventing of deep soils and shallow soils; thermal/catalytic oxidation of soil vapor; vacuum enhanced LNAPL recovery with total fluids pumps; recovered LNAPL disposal by a certified waste recycler or a permitted hazardous waste TSDF; groundwater remediation by air sparging within the SVE capture radius and plume of groundwater contamination; if necessary

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

groundwater extraction and treatment with air stripping followed by GAC; and treated groundwater discharge to the sanitary sewer. Sparging would not be implemented until the LNAPL had been removed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Order  
Completed Date: 10/29/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Cost Recovery Settlements/Decrees  
Completed Date: 01/13/1999  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 06/29/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/21/2013  
Comments: Annual Cost Estimate sent.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 05/21/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 07/14/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/14/2016  
Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/09/2015  
Comments: FY 1516 Annual Cost Estimate completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/04/2017  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 08/13/2018  
Comments: FY 1819 Estimate: \$43,558

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/09/2019  
Comments: FY 1819 Revised Estimate: \$55,169

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/18/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/13/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/06/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/12/2016  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/19/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/18/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/11/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 06/13/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/11/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/12/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/12/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/31/2017  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/13/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/13/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Manual  
Completed Date: 11/05/2017  
Comments: No comments on the given document. DTSC concur with O&M.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/25/2009  
Comments: Approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Installation Workplan  
Completed Date: 08/19/2009  
Comments: Approved

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 09/14/2010  
Comments: This was replaced by another work plan.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/25/2009  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 09/14/2010  
Comments: Data from this report has been used for investigation and cleanup planning.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot Study/Treatability Workplan  
Completed Date: 09/06/2011  
Comments: Completed & approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 10/12/2010  
Comments: The revised Final Interim Remedial Action Work Plan appears to incorporate our previous comments relayed to Solutia on 9/15/10.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/31/2010  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/18/2011  
Comments: Document received. Data will be used to make decisions regarding the cleanup of the site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/17/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/17/2012  
Comments: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/12/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/26/2013  
Comments: Monthly GW monitoring Report for September 2013

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/01/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/13/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/19/2010  
Comments: Received report on time.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/15/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/10/2010  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/10/2011  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/10/2011  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 03/10/2011  
Comments: Received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/10/2011  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/10/2011  
Comments: received

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/10/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/10/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/11/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/06/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/12/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/10/2011  
Comments: Receipt of report acknowledged.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/10/2011  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/16/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/03/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/22/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/08/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/08/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/14/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/11/2012  
Comments: Monthly progress report for soil gas and groundwater, Septemeber 2012

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/17/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/25/2013  
Comments: O/M - Routine GW monitoring report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 12/18/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/31/2012  
Comments: Monthly Progress Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/12/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/06/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/11/2013  
Comments: Monthly Progress Report for month of March 2013

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/10/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/12/2013  
Comments: Monthly Progress Report

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

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/13/2013  
Comments: Monthly Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/26/2013  
Comments: Monthly Progress Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/26/2014  
Comments: Routine monthly progress report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/11/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/13/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/17/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/16/2014  
Comments: Routine monthly progress report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/19/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/11/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/20/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/11/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 01/06/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/13/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot/Treatability Study Report  
Completed Date: 03/19/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 12/11/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 12/22/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 06/29/2012  
Comments: No Further Action for Soil is Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/12/2013  
Comments: GW monitoring report for August.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/14/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/14/2013  
Comments: Addendum Report - Part of Monthly Monitoring Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/19/2014  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 04/01/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Design - Preliminary/Intermediate  
Completed Date: 11/16/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/11/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/16/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 01/28/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 04/30/1991  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 06/12/1989  
Comments: Site Screening Done: RP in violation of DHS permit. RP prepared a Preliminary Assessment/Site Inspection report (submitted 09/88). Release of benzene and DCE to upper aquifer. Chemical dump site 1952-1965 not addressed. RP is negotiating with ICI (other RP).

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 01/11/1999  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 03/28/1997  
Comments: Approval of Remedial Design Specifications document, with Addendum prepared by DTSC.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 04/14/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 01/23/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/01/2007  
Comments: Workplan was reviewed by the new geologist and approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/13/2009  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 01/13/2009  
Comments: Approved with the condition that they add the RTCs to the document.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 08/05/2008  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 08/19/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/13/2009  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot Study/Treatability Workplan  
Completed Date: 10/28/2008  
Comments: Approved with the stipulation that we get a revised WP in ASAP that shows the extra well we are requesting.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Document Type: Removal Action Workplan  
Completed Date: 09/03/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 12/11/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/11/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/22/2017  
Comments: Routine monthly report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/17/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/25/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/13/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/12/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/11/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/13/2018  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/25/2017  
Comments: DTSC made a final comment.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/17/2018  
Comments: Conditionally approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/12/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/16/2018  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/11/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/15/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/13/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/11/2018  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/11/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

Completed Date: 03/18/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 01/22/2019  
Comments: Not reported

Completed Area Name: MONSANTO CHEMICAL COMPANY - Soil OU  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/30/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/16/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Plan Amendment  
Completed Date: 11/05/2017  
Comments: DTSC concurs with this documents. Meeting with RP on 12/19 for further presentation on this project.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/27/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/27/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/14/2018  
Comments: Not reported

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2022  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Operations and Maintenance Report  
Schedule Due Date: 06/14/2019  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONSANTO CHEMICAL COMPANY (Continued)**

**S104404731**

**CORTESE:**

Name: MONSANTO CHEMICAL COMPANY  
Address: 2100 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Region: CORTESE  
Envirostor Id: 19281200  
Global ID: Not reported  
Site/Facility Type: STATE RESPONSE  
Cleanup Status: ACTIVE  
Status Date: 04/23/1996  
Site Code: 400266  
Latitude: 33.822919  
Longitude: -118.23838  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: envirostor  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported  
File Name: Haz Waste & Substances Sites

**HIST CORTESE:**

edr\_fname: MONSANTO CHEMICAL COMPANY  
edr\_fadd1: 2100 223RD  
City,State,Zip: CARSON, CA 90745  
Region: CORTESE  
Facility County Code: 19  
Reg By: CALSI  
Reg Id: 19281200

**D27  
NNW  
< 1/8  
0.053 mi.  
278 ft.**

**CORMIER CHEVROLET  
2201 E. 223RD ST  
LOS ANGELES, CA**

**CA CPS-SLIC S106485640  
CA CERS N/A**

**Site 4 of 8 in cluster D**

**Relative:  
Higher**

**CPS-SLIC:**

**Actual:  
25 ft.**

Name: CORMIER CHEVROLET  
Address: 2201 E. 223RD ST  
City,State,Zip: LOS ANGELES, CA  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 01/21/1998  
Global Id: SLT43378376  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.8249068  
Longitude: -118.2361997  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 0613

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**S106485640**

File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

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

**CERS:**

Name: CORMIER CHEVROLET  
Address: 2201 E. 223RD ST  
City,State,Zip: LOS ANGELES, CA  
Site ID: 216744  
CERS ID: SLT43378376  
CERS Description: Cleanup Program Site

**D28  
North  
< 1/8  
0.054 mi.  
283 ft.**

**WIN CHEVROLET HYUNDAI  
2201 E. 223RD STREET UNIT A  
CARSON, CA 90810**

**CA AST A100426233  
N/A**

**Site 5 of 8 in cluster D**

**Relative:  
Higher  
Actual:  
25 ft.**

**AST:**

Name: WIN CHEVROLET HYUNDAI  
Address: 2201 E. 223RD STREET UNIT A  
City/Zip: CARSON,90810  
Certified Unified Program Agencies: Not reported  
Owner: Win Chevrolet, Inc. Attn: President  
Total Gallons: Not reported  
CERSID: 10614397  
Facility ID: LacOFa0001225  
Business Name: Win Chevrolet Hyundai  
Phone: 310 830-5100  
Fax: Not reported  
Mailing Address: 2201 E. 223rd Street Unit A  
Mailing Address City: Carson  
Mailing Address State: CA  
Mailing Address Zip Code: 90810  
Operator Name: Win Chevrolet & Hyundai  
Operator Phone: 310 830-5100  
Owner Phone: 310 830-5100  
Owner Mail Address: 2201 E. 223rd Street Unit A  
Owner State: CA  
Owner Zip Code: 90810  
Owner Country: United States  
Property Owner Name: Win Chevrolet Properties, Inc.  
Property Owner Phone: 310 830-5100  
Property Owner Mailing Address: 2201 E. 223rd Street Unit A  
Property Owner City: Carson  
Property Owner Stat : CA  
Property Owner Zip Code: 90810  
Property Owner Country: United States  
EPAID: CAD981691614

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D29  
North  
< 1/8  
0.054 mi.  
283 ft.

**CORMIER CHEVROLET**  
**2201 E 223RD ST**  
**LONG BEACH, CA 90810**

**CA CERS HAZ WASTE**  
**CA SWEEPS UST**  
**CA HIST UST**  
**CA CERS TANKS**  
**CA EMI**  
**CA CERS**

**U001566222**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**25 ft.**

**Site 6 of 8 in cluster D**  
**CERS HAZ WASTE:**

Name: CALIBER COLLISION CENTER - CARSON  
Address: 2201 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 101660  
CERS ID: 10296751  
CERS Description: Hazardous Waste Generator

Name: WIN CHEVROLET HYUNDAI  
Address: 2201 E. 223RD STREET UNIT A  
City,State,Zip: CARSON, CA 90810  
Site ID: 172038  
CERS ID: 10614397  
CERS Description: Hazardous Waste Generator

**SWEEPS UST:**

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 33835  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 10  
SWRCB Tank Id: 19-060-033835-000001  
Tank Status: A  
Capacity: 500  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: 8

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 33835  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 6  
SWRCB Tank Id: 19-060-033835-000002  
Tank Status: A  
Capacity: 9940  
Active Date: 07-01-85  
Tank Use: M.V. FUEL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 33835  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 7  
SWRCB Tank Id: 19-060-033835-000003  
Tank Status: A  
Capacity: 9940  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 33835  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 8  
SWRCB Tank Id: 19-060-033835-000004  
Tank Status: A  
Capacity: 500  
Active Date: 07-01-85  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 33835  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 9  
SWRCB Tank Id: 19-060-033835-000005  
Tank Status: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Capacity: 500  
Active Date: 07-01-85  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 33835  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 11  
SWRCB Tank Id: 19-060-033835-000006  
Tank Status: A  
Capacity: 500  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 33835  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 12  
SWRCB Tank Id: 19-060-033835-000007  
Tank Status: A  
Capacity: 500  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: Not reported

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 33835  
Number: 9  
Board Of Equalization: 44-008014  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Owner Tank Id: 13  
SWRCB Tank Id: 19-060-033835-000008  
Tank Status: A  
Capacity: 500  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: Not reported

**HIST UST:**

Name: CORMIER CHEVROLET  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
File Number: 000274A7  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000274A7.pdf>  
Region: STATE  
Facility ID: 00000033835  
Facility Type: Other  
Other Type: CAR DEALERSHIP  
Contact Name: RON JENKINS  
Telephone: 2138305100  
Owner Name: L.L CORMIER  
Owner Address: 2201 E. 223RD ST.  
Owner City,St,Zip: LONG BEACH, CA 90810  
Total Tanks: 0013

Tank Num: 001  
Container Num: 10  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: 1  
Year Installed: 1975  
Tank Capacity: 00003000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: None

Tank Num: 003  
Container Num: 2  
Year Installed: 1975  
Tank Capacity: 00001500  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: None

Tank Num: 004  
Container Num: 3  
Year Installed: 1975

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Tank Capacity: 00001500  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: None

Tank Num: 005  
Container Num: 4  
Year Installed: 1975  
Tank Capacity: 00001500  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: None

Tank Num: 006  
Container Num: 5  
Year Installed: 1975  
Tank Capacity: 00000750  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: None

Tank Num: 007  
Container Num: 6  
Year Installed: Not reported  
Tank Capacity: 00009940  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 008  
Container Num: 7  
Year Installed: Not reported  
Tank Capacity: 00009940  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 009  
Container Num: 8  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 010  
Container Num: 9  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 011  
Container Num: 11  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 012  
Container Num: 12  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 013  
Container Num: 13  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

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

**CERS TANKS:**

Name: WIN CHEVROLET HYUNDAI  
Address: 2201 E. 223RD STREET UNIT A  
City,State,Zip: CARSON, CA 90810  
Site ID: 172038  
CERS ID: 10614397  
CERS Description: Aboveground Petroleum Storage

**EMI:**

Name: CORMIER CHEVROLET CO  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1993  
County Code: 19  
Air Basin: SC  
Facility ID: 19116  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 5  
Reactive Organic Gases Tons/Yr: 4  
Carbon Monoxide Emissions Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CORMIER CHEVROLET CO  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 19116  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 5  
Reactive Organic Gases Tons/Yr: 4  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CORMIER CHEVROLET CO  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1996  
County Code: 19  
Air Basin: SC  
Facility ID: 19116  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 3  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CORMIER CHEVROLET CO  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1997  
County Code: 19  
Air Basin: SC  
Facility ID: 19116  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CORMIER CHEVROLET CO  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1998  
County Code: 19  
Air Basin: SC  
Facility ID: 19116  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CORMIER CHEVROLET CO  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1999  
County Code: 19  
Air Basin: SC  
Facility ID: 19116  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CORMIER CHEVROLET CO  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 2000  
County Code: 19  
Air Basin: SC  
Facility ID: 19116  
Air District Name: SC  
SIC Code: 5511

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CORMIER CHEVROLET CO  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 2001  
County Code: 19  
Air Basin: SC  
Facility ID: 19116  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: WIN CHEVROLET INC  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 2012  
County Code: 19  
Air Basin: SC  
Facility ID: 170016  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.39731904562  
Reactive Organic Gases Tons/Yr: 0.35706  
Carbon Monoxide Emissions Tons/Yr: 0.00507  
NOX - Oxides of Nitrogen Tons/Yr: 0.01885  
SOX - Oxides of Sulphur Tons/Yr: 8e-005  
Particulate Matter Tons/Yr: 0.01289  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.0123636

Name: WIN CHEVROLET INC  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 2013  
County Code: 19  
Air Basin: SC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Facility ID: 170016  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.49692826087  
Reactive Organic Gases Tons/Yr: 0.45205  
Carbon Monoxide Emissions Tons/Yr: 0.05867  
NOX - Oxides of Nitrogen Tons/Yr: 0.21794  
SOX - Oxides of Sulphur Tons/Yr: 0.00139  
Particulate Matter Tons/Yr: 0.01257  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.01257

Name: CALIBER COLLISION CENTER  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 2014  
County Code: 19  
Air Basin: SC  
Facility ID: 176554  
Air District Name: SC  
SIC Code: 7532  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.53222591423  
Reactive Organic Gases Tons/Yr: 0.50062  
Carbon Monoxide Emissions Tons/Yr: 0.00542  
NOX - Oxides of Nitrogen Tons/Yr: 0.02015  
SOX - Oxides of Sulphur Tons/Yr: 9e-005  
Particulate Matter Tons/Yr: 0.00944  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.0090508

Name: CALIBER COLLISION CENTER  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Year: 2016  
County Code: 19  
Air Basin: SC  
Facility ID: 176554  
Air District Name: SC  
SIC Code: 7532  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.66505534993  
Reactive Organic Gases Tons/Yr: 0.62442  
Carbon Monoxide Emissions Tons/Yr: 0.00635  
NOX - Oxides of Nitrogen Tons/Yr: 0.02  
SOX - Oxides of Sulphur Tons/Yr: 0.000109  
Particulate Matter Tons/Yr: 0.01203  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.0115352

Name: CALIBER COLLISION CENTER  
Address: 2201 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Year: 2017  
County Code: 19  
Air Basin: SC  
Facility ID: 176554  
Air District Name: SC  
SIC Code: 7532  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.685300314  
Reactive Organic Gases Tons/Yr: 0.64442  
Carbon Monoxide Emissions Tons/Yr: 0.00635  
NOX - Oxides of Nitrogen Tons/Yr: 0.02  
SOX - Oxides of Sulphur Tons/Yr: 0.000109  
Particulate Matter Tons/Yr: 0.01223  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.0117272

**CERS:**

Name: WIN CHEVROLET HYUNDAI  
Address: 2201 E. 223RD STREET UNIT A  
City,State,Zip: CARSON, CA 90810  
Site ID: 172038  
CERS ID: 10614397  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 172038  
Site Name: Win Chevrolet Hyundai  
Violation Date: 03-08-2018  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.  
Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: Observed the following hazardous waste (HW) containers either without a HW label or with a HW without required EPA # and accumulation date info: Hyundai Maintenance Shop: - HW: 1 x 55-gallon drum containing used antifreeze w/ faded HW label ? NTC; - HW: 1 x 30-gallon container containing used absorbent w/ faded HW label ? NTC; Chevy Maintenance Shop: - HW: 3 x 30-gallon container containing used absorbents all w/ faded HW label ? NTC; CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 172038  
Site Name: Win Chevrolet Hyundai  
Violation Date: 03-08-2018  
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple  
Violation Description: Hazardous Waste Generator Program - Release/Leaks/Spills - General  
Violation Notes: Returned to compliance on 04/06/2018. Clean up all spills immediately. Observed minor spills on the floor around the used and drain filters



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

storage area inside the Chevy maintenance shop.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 172038  
Site Name: Win Chevrolet Hyundai  
Violation Date: 03-08-2018  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2  
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.  
Violation Notes: Returned to compliance on 05/02/2018. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. 2018 California Environmental Reporting System (CERS) submittal was missing/incomplete; Reviewed CERS submittals submitted on 1/23/18 and found the following to be updated: - The local unified program agency (UPA/CUPA) phone number should be 310-890-4317 and not 323-890-4000; - Inaccurate Hazardous Materials (HM) quantities in the HM inventory; - Inaccurate Hazardous Wastes (HW) quantities in the HW inventory; CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 172038  
Site Name: Win Chevrolet Hyundai  
Violation Date: 03-08-2018  
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
Violation Description: Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.  
Violation Notes: Returned to compliance on 04/11/2018. OBSERVATION: Failure to maintain SPCC plan on site if facility is manned at least four (4) hours per day, or at the nearest field office if the facility is not so attended. Facility's SPCC plan was not available on site during the inspection. CORRECTIVE ACTION: Maintain SPCC plan on site if facility staffed 4 hrs/day, or at the nearest field office if the facility is not so attended.

Violation Division: Los Angeles County Fire Department  
Violation Program: APSA  
Violation Source: CERS

Site ID: 172038  
Site Name: Win Chevrolet Hyundai  
Violation Date: 03-08-2018  
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173  
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Violation Notes: stored in a manner which may rupture the container or cause it to leak.  
Returned to compliance on 04/06/2018. OBSERVATION: Observed the following hazardous waste containers containing hazardous waste to be open: Hyundai Maintenance Shop: - HW: 3 x 55-gallon drums containing used oil filters (metal) - not all are covered ? NTC; Chevy Maintenance Shop: - HW: 7 x 55-gallon drums containing used and drained oil filters - not all are covered ? NTC; CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 172038  
Site Name: Win Chevrolet Hyundai  
Violation Date: 03-08-2018  
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

Violation Notes: Returned to compliance on 10/08/2018. OBSERVATION: The generator's EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. Facility's EPA # CAL000370137 has an inactive status since 6/30/17. Provided DTSC Form 1358 to the operator to re-activate their EPA number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have reactivated the facility's EPA ID number.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 172038  
Site Name: Win Chevrolet Hyundai  
Violation Date: 03-08-2018  
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34

Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)?: 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment?: 3) Lamps shall be marked with ?Universal Waste-Lamp(s)?: 4)Each electronic devices or the container or the designated area shall be marked with ?Universal Waste-Electronic Device(s)?: 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)?: 6) CRT glass or the designated area shall be marked with ?Universal Waste-CRT glass?.

Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: Owner/Operator failed to properly label universal waste (UW). Observed 30 plus used batteries stored directly on the floor all w/out a proper UW label inside the Parts Dept. CORRECTIVE ACTION: Properly label universal wast and submit statement of compliance and/or a photo of the waste labeled properly.

Violation Division: Los Angeles County Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Violation Program: HW  
Violation Source: CERS

Site ID: 172038  
Site Name: Win Chevrolet Hyundai  
Violation Date: 03-08-2018  
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7

Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 04/06/2018. OBSERVATION: Observed the following used, empty containers all without a proper empty label: Hyundai Maintenance Shop: - 4 x 55-gallon used, empty container all w/out an empty label ? NTC; Chevy Maintenance Shop: - 2 x 55-gallon used, empty soap container w/out an empty label ? NTC; Car Detailing Dept.: - 2 x 30-gallon used, empty container all w/out an empty label ? NTC; CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-08-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Carl Hegge, Service Director The owner / operator was advised of proper hazardous waste management, hazardous materials handling, record-keeping, permit payment, and good business practices.

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-08-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Carl Hegge, Service Director The owner/operator was advised to provide

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

a copy of facility's Spill Prevention and Countermeasure Control (SPCC) Plan.

Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-08-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Carl Hegge, Service Director The owner/operator was advised to update, review, and submit any and all information missing in the California Environmental Reporting System (CERS) online system.

Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-07-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Cal Hegge, Service Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-07-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Cal Hegge, Service Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-07-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Cal Hegge, Service Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-17-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Barry Hipple, Service Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-17-2014  
Violations Found: No  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Eval Notes: Barry Hipple, Service Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-17-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Barry Hipple, Service Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Legal Owner  
Entity Name: Win Chevrolet, Inc.  
Entity Title: Not reported  
Affiliation Address: 2201 E. 223rd Street Unit A  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 830-5100

Affiliation Type Desc: Operator  
Entity Name: Hani Nassif  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 830-5100

Affiliation Type Desc: Environmental Contact  
Entity Name: Carl Hegge  
Entity Title: Not reported  
Affiliation Address: 2201 E. 223rd Street Unit A  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Carl Hegge  
Entity Title: Service Director  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Document Preparer  
Entity Name: Chris Mamoulelis, Celly Services, Inc.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2201 E. 223rd Street Unit A  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Win Chevrolet Hyundai  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: Win Chevrolet Properties, Inc.  
Entity Title: Not reported  
Affiliation Address: 2201 E. 223rd Street Unit A  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 830-5100

Name: CALIBER COLLISION CENTER - CARSON  
Address: 2201 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 101660  
CERS ID: 10296751  
CERS Description: Chemical Storage Facilities

Violations:  
Site ID: 101660

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Site Name: Caliber Collision Center - Carson  
Violation Date: 02-15-2018  
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7  
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.  
Violation Notes: Returned to compliance on 02/15/2018. OBSERVATION: Observed a couple 55-gallon and 30-gallon of used and empty containers without a proper empty label. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7. Operator was able to correct this violation on site during the inspection.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS  
Site ID: 101660  
Site Name: Caliber Collision Center - Carson  
Violation Date: 02-15-2018  
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple  
Violation Description: Hazardous Waste Generator Program - Release/Leaks/Spills - General  
Violation Notes: Returned to compliance on 04/27/2018. All spills should be cleaned up as soon as possible. Observed the following during the inspection: \* A secondary containment pallet located under a 30-gallon of used motor oil drum has liquids accumulated inside; \* A few secondary containment pallets located throughout the facility have debris inside; \* Used Solid Absorb. were observed on the floor by the 30-gallon of used motor oil drum; CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the area above has been properly cleaned.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS  
Site ID: 101660  
Site Name: Caliber Collision Center - Carson  
Violation Date: 02-15-2018  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2  
Violation Description: Failure to annually review and electronically certify that the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Violation Notes: business plan is complete and accurate on or before the annual due date.  
Returned to compliance on 02/26/2018. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. ? 2018 California Environmental Reporting System (CERS) submittal was missing; ? Facility's secondary emergency contact on the CERS Facility / Site page was not up-to-date; ? Missing required contents (locations and names of adjacent streets and alleys, evacuation staging areas (muster point), storm and sewer drains, and emergency shutoffs (gas and water shutoff) on facility's site map; ? Missing "Local Unified Program Agency (UPA) phone number (323-890-4317) in the Consolidated Emergency Response / Contingency Plan; CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 101660  
Site Name: Caliber Collision Center - Carson  
Violation Date: 02-15-2018  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 02/15/2018. OBSERVATION: Observed the following waste containers with a hazardous waste label but without an accumulation date info. -1 55-gallon of aerosol can waste; -1 55-gallon of Hazardous Waste (HW) - Cans, Cups, and Liners Wastes; -1 30-gallon of used motor oil; -1 30-gallon of waterborne cleaning solution waste; CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled. Operator was able to correct this violation on site during the inspection.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 101660  
Site Name: Caliber Collision Center - Carson  
Violation Date: 12-19-2014  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 12/19/2014. OBSERVATION: Observed hazardous waste labels missing the accumulation start date. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-15-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Charles Fabrizio, Center Manager The owner / operator was advised of proper hazardous waste management, hazardous materials handling, record-keeping, permit payment, and good business practices.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-15-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Charles Fabrizio, Center Manager The owner/operator was advised to update, review, and submit any and all information missing in the California Environmental Reporting System (CERS) online system.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 03-22-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 04-17-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 04-17-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Eval General Type: Other/Unknown  
Eval Date: 04-30-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-19-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Ana Lopez, office manager. No significant violations observed at the time of inspection. Facility is observed on site to be a minor handler of hazardous materials. The Program Element will be updated to be 3001 from 3003.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-19-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Ana Lopez, office manager. The facility was observed as not operating an Aboveground Storage Tank (AST) of petroleum. The adjacent facility, Win Chevrolet, operates an AST. The facility permit for AST 3701 will be deactivated.  
Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-19-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Ana Lopez, office manager. The facility was observed to have 15 employees. The Program Element will be updated to 1002 from 1004. Violations corrected on site. No action needed.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

**Coordinates:**

Site ID: 101660  
Facility Name: Caliber Collision Center - Carson  
Env Int Type Code: HWG  
Program ID: 10296751  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.824920  
Longitude: -118.235640

**Affiliation:**

Affiliation Type Desc: Legal Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Entity Name: Caliber Bodyworks, Inc.  
Entity Title: Not reported  
Affiliation Address: 2941 Lake Vista  
Affiliation City: Lewisville  
Affiliation State: TX  
Affiliation Country: United States  
Affiliation Zip: 75057  
Affiliation Phone: (469) 948-9500

Affiliation Type Desc: Document Preparer  
Entity Name: Ali Kahl  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: GMG Envirosafe  
Entity Title: Not reported  
Affiliation Address: 1658 N Milwaukee Avenue - Suite 287  
Affiliation City: Chicago  
Affiliation State: IL  
Affiliation Country: Not reported  
Affiliation Zip: 60647  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2201 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: CALIBER COLLISION CENTER  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 847-6233

Affiliation Type Desc: Parent Corporation  
Entity Name: Caliber Bodyworks, Inc. dba Caliber Collision Centers  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CORMIER CHEVROLET (Continued)**

**U001566222**

Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
 Entity Name: Los Angeles County Fire  
 Entity Title: Not reported  
 Affiliation Address: 5825 Rickenbacker Road  
 Affiliation City: Commerce  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 90040-3027  
 Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Identification Signer  
 Entity Name: Charles Fabrizio  
 Entity Title: Center Manager  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
 Entity Name: WIN CHEVROLET PROPERTIES, LLC.  
 Entity Title: Not reported  
 Affiliation Address: 2201 E 223RD ST  
 Affiliation City: CARSON  
 Affiliation State: CA  
 Affiliation Country: United States  
 Affiliation Zip: 90810  
 Affiliation Phone: (310) 830-5100

Name: CALIBER COLLISION CENTER  
 Address: 2201 E 223RD ST  
 City,State,Zip: LONG BEACH, CA 90810  
 Site ID: 514787  
 CERS ID: 110070060902  
 CERS Description: US EPA Air Emission Inventory System (EIS)

**D30**  
**North**  
**< 1/8**  
**0.054 mi.**  
**283 ft.**

**CALIBER COLLISION CENTER - CARSON**  
**2201 E 223RD ST**  
**CARSON, CA 90810**  
**Site 7 of 8 in cluster D**

**CA AST A100418105**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**25 ft.**

AST:  
 Name: CALIBER COLLISION CENTER - CARSON  
 Address: 2201 E 223RD ST  
 City/Zip: CARSON,90810  
 Certified Unified Program Agencies: Not reported  
 Owner: Caliber Collision Center  
 Total Gallons: Not reported  
 CERSID: 10296751  
 Facility ID: LACoFA0001225  
 Business Name: Caliber Bodyworks, Inc. dba Caliber Collision Centers  
 Phone: 310-847-6233  
 Fax: 855-546-8261

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIBER COLLISION CENTER - CARSON (Continued)**

**A100418105**

Mailing Address: 2201 E 223RD ST  
Mailing Address City: CARSON  
Mailing Address State: CA  
Mailing Address Zip Code: 90810  
Operator Name: Steve Hernandez  
Operator Phone: 310-847-6233  
Owner Phone: 469-948-9500  
Owner Mail Address: 401 E CORPORATE DR STE 150  
Owner State: TX  
Owner Zip Code: 75057  
Owner Country: United States  
Property Owner Name: WIN CHEVROLET PROPERTIES, LLC.  
Property Owner Phone: (310) 830-5100  
Property Owner Mailing Address: 2201 E 223RD ST  
Property Owner City: CARSON  
Property Owner Stat : CA  
Property Owner Zip Code: 90810  
Property Owner Country: United States  
EPAID: CAL000392187

**D31**  
**North**  
**< 1/8**  
**0.055 mi.**  
**289 ft.**

**CORMIER CHEVROLET**  
**2201 E. 223 ST**  
**LONG BEACH, CA 90810**

**Site 8 of 8 in cluster D**

**RCRA-SQG 1000299614**  
**CA LUST CAD981970635**  
**CA CPS-SLIC**  
**CA HIST CORTESE**  
**CA CERS**

**Relative:**  
**Higher**  
**Actual:**  
**25 ft.**

RCRA-SQG:  
Date form received by agency: 03/20/1990  
Facility name: CORMIER CHEVROLET  
Facility address: 2201 E. 223 ST  
LONG BEACH, CA 90810  
EPA ID: CAD981970635  
Mailing address: PO BOX 1468  
LONG BEACH, CA 90801-1468  
Contact: R E JENKINS  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: 213-830-5100  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:  
Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**1000299614**

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 05/22/1987  
Site name: CORMIER CHEVROLET  
Classification: Small Quantity Generator

Violation Status: No violations found

LUST:

Name: COMIER CHEVROLET  
Address: 2201 223RD ST. E.  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603735939](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603735939)  
Global Id: T0603735939  
Latitude: 33.824633  
Longitude: -118.235888  
Status: Completed - Case Closed  
Status Date: 07/16/2008  
Case Worker: AT  
RB Case Number: I-06073A  
Local Agency: LOS ANGELES COUNTY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**1000299614**

File Location: Regional Board  
Local Case Number: 005859-006073  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

LUST:

Global Id: T0603735939  
Contact Type: Regional Board Caseworker  
Contact Name: ARMAN TOUMARI  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: atoumari@waterboards.ca.gov  
Phone Number: 2135766708

Global Id: T0603735939  
Contact Type: Local Agency Caseworker  
Contact Name: MANUEL R REGALADO  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S. FREMONT AVE.  
City: ALHAMBRA  
Email: mregalad@dpw.lacounty.gov  
Phone Number: Not reported

LUST:

Global Id: T0603735939  
Action Type: Other  
Date: 11/21/2005  
Action: Leak Discovery

Global Id: T0603735939  
Action Type: REMEDIATION  
Date: 01/10/2006  
Action: Not reported

Global Id: T0603735939  
Action Type: Other  
Date: 01/10/2006  
Action: Leak Reported

Global Id: T0603735939  
Action Type: ENFORCEMENT  
Date: 07/02/2008  
Action: Site Visit / Inspection / Sampling

Global Id: T0603735939  
Action Type: ENFORCEMENT  
Date: 07/16/2008  
Action: Closure/No Further Action Letter

LUST:

Global Id: T0603735939  
Status: Open - Case Begin Date  
Status Date: 11/21/2005

Global Id: T0603735939

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**1000299614**

Status: Open - Site Assessment  
Status Date: 10/05/2006

Global Id: T0603735939  
Status: Completed - Case Closed  
Status Date: 07/16/2008

Name: CORMIER CHEVROLET (I-06073)  
Address: 2201 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603703163](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703163)  
Global Id: T0603703163  
Latitude: 33.824939  
Longitude: -118.235728  
Status: Completed - Case Closed  
Status Date: 03/19/1997  
Case Worker: YR  
RB Case Number: I-06073  
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: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

**LUST:**

Global Id: T0603703163  
Contact Type: Local Agency Caseworker  
Contact Name: JOHN AWUJO  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S FREMONT AVE  
City: ALHAMBRA  
Email: [jawujo@dpw.lacounty.gov](mailto:jawujo@dpw.lacounty.gov)  
Phone Number: 6264583507

Global Id: T0603703163  
Contact Type: Regional Board Caseworker  
Contact Name: YUE RONG  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: [yrong@waterboards.ca.gov](mailto:yrong@waterboards.ca.gov)  
Phone Number: Not reported

**LUST:**

Global Id: T0603703163  
Action Type: ENFORCEMENT  
Date: 07/16/2008  
Action: Closure/No Further Action Letter

Global Id: T0603703163  
Action Type: Other  
Date: 05/22/1989  
Action: Leak Discovery



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

1000299614

Global Id: T0603703163  
Action Type: Other  
Date: 05/22/1989  
Action: Leak Stopped

Global Id: T0603703163  
Action Type: Other  
Date: 11/24/1987  
Action: Leak Reported

LUST:

Global Id: T0603703163  
Status: Open - Case Begin Date  
Status Date: 11/24/1987

Global Id: T0603703163  
Status: Open - Site Assessment  
Status Date: 03/09/1995

Global Id: T0603703163  
Status: Open - Remediation  
Status Date: 04/12/1996

Global Id: T0603703163  
Status: Completed - Case Closed  
Status Date: 03/19/1997

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-06073  
Status: Case Closed  
Substance: Oil and Grease Waste  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: Excavate and Dispose  
Global ID: T0603703163  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: ALAMEDA  
Enforcement Type: Not reported  
Date Leak Discovered: 5/22/1989  
Date Leak First Reported: 11/24/1987  
Date Leak Record Entered: 1/27/1988  
Date Confirmation Began: Not reported  
Date Leak Stopped: 5/22/1989  
Date Case Last Changed on Database: 1/30/1997  
Date the Case was Closed: 3/19/1997  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: Tank

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**1000299614**

Operator: JENKINS, RON E.  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 836.1992291617579716800284786  
Source of Cleanup Funding: Tank  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: 3/9/1995  
Remediation Plan Submitted: 4/12/1996  
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: Yes  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: CORMIER CHEVROLET  
RP Address: P.O. BOX 1468, LONG BEACH, CA 90801-1468  
Program: LUST  
Lat/Long: 33.8244093 / -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: BECAUSE OF EXISTING CONTAMINATION, A MODIFIED MONITORING PLAN MUST BE  
SUBMITTED. OLD CASE #908100107  
06/08/95 OM CASE ASSIGNED TO RI

**SLIC REG 4:**

Region: 4  
Facility Status: No further action required  
SLIC: 0613  
Substance: TPH,  
Staff: Not reported

**HIST CORTESE:**

edr\_fname: CORMIER CHEVROLET (I-0607  
edr\_fadd1: 2201 223RD  
City,State,Zip: CARSON, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-06073

**CERS:**

Name: COMIER CHEVROLET  
Address: 2201 223RD ST. E.  
City,State,Zip: CARSON, CA 90810  
Site ID: 207689  
CERS ID: T0603735939

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CORMIER CHEVROLET (Continued)**

**1000299614**

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: ARMAN TOUMARI - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 WEST 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766708

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: MANUEL R REGALADO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S. FREMONT AVE.  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: CORMIER CHEVROLET (I-06073)  
Address: 2201 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Site ID: 231279  
CERS ID: T0603703163  
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**G32**  
**West**  
**< 1/8**  
**0.055 mi.**  
**291 ft.**

**SOLUTIA INC**  
**2100 E 223RD ST**  
**LONG BEACH, CA 90810**

**Site 2 of 3 in cluster G**

**CA CERS HAZ WASTE**    **S123502299**  
**CA CERS**                **N/A**

**Relative:**  
**Higher**

**Actual:**  
**24 ft.**

**CERS HAZ WASTE:**  
Name: SOLUTIA INC  
Address: 2100 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 154611  
CERS ID: 10290268  
CERS Description: Hazardous Waste Generator

**CERS:**  
Name: SOLUTIA INC  
Address: 2100 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 154611  
CERS ID: 10290268  
CERS Description: Chemical Storage Facilities

**Evaluation:**  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-19-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Larry Adams, Remediation Manager. No significant violations observed at the time of inspection.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-19-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Larry Adams, Remediation Manager. No significant violations observed at the time of inspection.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

**Coordinates:**  
Site ID: 154611  
Facility Name: SOLUTIA INC  
Env Int Type Code: HWG  
Program ID: 10290268  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.822920  
Longitude: -118.238380

**Affiliation:**  
Affiliation Type Desc: Document Preparer  
Entity Name: Larry Adams  
Entity Title: Not reported  
Affiliation Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC (Continued)**

**S123502299**

Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 8192 DEAUVILLE DRIVE  
Affiliation City: HUNTINGTON BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92646  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: SOLUTIA INC  
Entity Title: Not reported  
Affiliation Address: 8192 DEAUVILLE DRIVE  
Affiliation City: HUNTINGTON BEACH  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92646  
Affiliation Phone: (714) 963-7624

Affiliation Type Desc: Parent Corporation  
Entity Name: SOLUTIA INC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: Solutia Inc.  
Entity Title: Not reported  
Affiliation Address: 8192 Deauville Drive  
Affiliation City: Huntington Beach  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92646  
Affiliation Phone: (714) 963-7624

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOLUTIA INC (Continued)**

**S123502299**

Entity Name: LARRY ADAMS  
Entity Title: Not reported  
Affiliation Address: 8192 DEAUVILLE DRIVE  
Affiliation City: HUNTINGTON BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92646  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: LARRY ADAMS  
Entity Title: REMEDIATION MANAGER  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Solutia Inc.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (714) 963-7624

**G33**  
**West**  
**< 1/8**  
**0.062 mi.**  
**326 ft.**

**MONSATO CARSON PLANT**  
**2100 223RD**  
**CARSON, CA 90810**  
**Site 3 of 3 in cluster G**

**CA CPS-SLIC S105520908**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**23 ft.**

SLIC REG 4:  
Region: 4  
Facility Status: Not reported  
SLIC: 0228  
Substance: Not reported  
Staff: Department of Toxic Substances Control

**E34**  
**NE**  
**< 1/8**  
**0.063 mi.**  
**332 ft.**

**CARSON REDEVELOPMENT AGEN**  
**2233 223RD**  
**LONG BEACH, CA 90810**  
**Site 2 of 3 in cluster E**

**CA HIST CORTESE S105024550**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**25 ft.**

HIST CORTESE:  
edr\_fname: CARSON REDEVELOPMENT AGEN  
edr\_fadd1: 2233 223RD  
City,State,Zip: LONG BEACH, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CARSON REDEVELOPMENT AGEN (Continued)

S105024550

Reg Id: R-25205

E35  
NE  
< 1/8  
0.066 mi.  
349 ft.

CRUISE AMERICA  
2233 E 223RD ST  
CARSON, CA 90810

CA CERS HAZ WASTE  
CA HAZNET  
CA CERS

S113096805  
N/A

Site 3 of 3 in cluster E

Relative:  
Higher  
Actual:  
25 ft.

CERS HAZ WASTE:  
Name: CRUISE AMERICA  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 390868  
CERS ID: 10284658  
CERS Description: Hazardous Waste Generator

HAZNET:

Name: CRUISE AMERICA  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2013  
GEPaid: CAL000182503  
Contact: FARHAD TABIB/HUB MANAGER  
Telephone: 3105223870  
Mailing Name: Not reported  
Mailing Address: 11 W HAMPTON AVE  
Mailing City,St,Zip: MESA, AZ 852105258  
Gen County: Los Angeles  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Tons: 0.12  
CA Waste Code: 352-Other organic solids  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Los Angeles

Name: CRUISE AMERICA  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2013  
GEPaid: CAL000182503  
Contact: FARHAD TABIB/HUB MANAGER  
Telephone: 3105223870  
Mailing Name: Not reported  
Mailing Address: 11 W HAMPTON AVE  
Mailing City,St,Zip: MESA, AZ 852105258  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 5.004  
CA Waste Code: 222-Oil/water separation sludge  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Facility County: Los Angeles

Name: CRUISE AMERICA  
Address: 2233 E 223RD ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRUISE AMERICA (Continued)**

**S113096805**

City,State,Zip: CARSON, CA 90810  
Year: 2012  
GEPaid: CAL000182503  
Contact: FARHAD TABIB/HUB MANAGER  
Telephone: 3105223870  
Mailing Name: Not reported  
Mailing Address: 11 W HAMPTON AVE  
Mailing City,St,Zip: MESA, AZ 852105258  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 6.672  
CA Waste Code: 222-Oil/water separation sludge  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Los Angeles

Name: CRUISE AMERICA  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2011  
GEPaid: CAL000182503  
Contact: FARHAD TABIB/HUB MANAGER  
Telephone: 3105223870  
Mailing Name: Not reported  
Mailing Address: 11 W HAMPTON AVE  
Mailing City,St,Zip: MESA, AZ 852105258  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Tons: 0.1  
CA Waste Code: 223-Unspecified oil-containing waste  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Los Angeles

Name: CRUISE AMERICA  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2011  
GEPaid: CAL000182503  
Contact: FARHAD TABIB/HUB MANAGER  
Telephone: 3105223870  
Mailing Name: Not reported  
Mailing Address: 11 W HAMPTON AVE  
Mailing City,St,Zip: MESA, AZ 852105258  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 6.77625  
CA Waste Code: 222-Oil/water separation sludge  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Los Angeles



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRUISE AMERICA (Continued)**

**S113096805**

[Click this hyperlink](#) while viewing on your computer to access 17 additional CA\_HAZNET: record(s) in the EDR Site Report.

**CERS:**

Name: CRUISE AMERICA  
Address: 2233 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 390868  
CERS ID: 10284658  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 390868  
Site Name: CRUISE AMERICA  
Violation Date: 06-06-2019  
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174  
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.  
Violation Notes: OBSERVATION: Observed accumulation of debris in internal area of secondary containment containers and berm holding hazardous waste drums/containers/tank located at the maintenance shop area. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the area listed above has been properly cleaned .  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 390868  
Site Name: CRUISE AMERICA  
Violation Date: 02-02-2016  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Returned to compliance on 02/02/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for propane to the CUPA. Observed propane volume inaccurately reported in CERS. Operator corrected on site with re-submittal into CERS. No action needed. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 390868  
Site Name: CRUISE AMERICA  
Violation Date: 06-06-2019  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)  
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRUISE AMERICA (Continued)**

**S113096805**

Violation Notes: designated facility which received the waste.  
OBSERVATION: Uniform Hazardous Waste Manifests for used oils, used antifreeze, used parts washer fluids, and used and drained oil filters were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for used oils, used antifreeze, used parts washer fluids, and used and drained oil filters and submit copies to the CUPA.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 390868  
Site Name: CRUISE AMERICA  
Violation Date: 06-06-2019  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 07/05/2019. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. 2019 California Environmental Reporting System (CERS) submittal was missing/inaccurate; Reviewed CERS submittals submitted on 2/1/18 and found the following needed to be addressed: - Primary and Secondary Emergency Contact Information were outdated under Business Owner Operator page on the CERS website; - Not using the most up-to-date form to complete facility's Consolidated Emergency Response / Contingency Plan (CER/CP); Old CER/CP form was used - please use attached Rev. 03/07/17 CER/CP form; - The Local Unified Program Agency (UPA/CUPA) phone number should be 323-890-4317 and not 323-890-4045 on facility's consolidated emergency response / contingency plan; - Missing the check mark for "Tanks (Emergency Shutoff)" under Section H. Earthquake [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 390868  
Site Name: CRUISE AMERICA  
Violation Date: 06-06-2019  
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7

Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRUISE AMERICA (Continued)**

**S113096805**

larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: OBSERVATION: 5 plus 55-gallon used and empty drums/containers located throughout the maintenance shop were observed without a proper empty label. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 390868  
Site Name: CRUISE AMERICA  
Violation Date: 02-02-2016  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: Returned to compliance on 02/02/2016. OBSERVATION: The annotated site map has not been completed and submitted to the CUPA. Observed site map from 2015 CERS submittal not accepted. Operator corrected on site. No action needed. CORRECTIVE ACTION: Complete an annotated site map and submit electronically in the California Environmental Reporting System (CERS).

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 390868  
Site Name: CRUISE AMERICA  
Violation Date: 02-02-2016  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violation Notes: Returned to compliance on 02/02/2016. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. Observed business activities section in CERS missing EPA ID number. Operator submitted EPA ID number on site into CERS. No action needed. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 390868  
Site Name: CRUISE AMERICA  
Violation Date: 06-06-2019  
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRUISE AMERICA (Continued)**

**S113096805**

Violation Notes: container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.  
OBSERVATION: Two 55-gallon drums containing used and drained oil filters located inside the maintenance shop were observed open.  
CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 390868  
Site Name: CRUISE AMERICA  
Violation Date: 06-06-2019  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: OBSERVATION: The following containers of hazardous waste were observed with incomplete or no hazardous waste (HW) labels: - 1 x 55-gallon drum containing HW used oils was observed with a faded/worn HW label;  
CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-28-2013  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Routine inspection  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-28-2013  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Routine inspection  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-02-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Farhad Tabib, Hub Manager. No significant violations observed at the time of inspection.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRUISE AMERICA (Continued)**

**S113096805**

Eval Source: CERS  
  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-02-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Farhad Tabib, Hub Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-06-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: David Elmasry, Hub Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-06-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: David Elmasry, Hub Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Coordinates:  
Site ID: 390868  
Facility Name: CRUISE AMERICA  
Env Int Type Code: HMBP  
Program ID: 10284658  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.824880  
Longitude: -118.233120

Affiliation:  
Affiliation Type Desc: Document Preparer  
Entity Name: Ninyo & Moore  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: David Elmasry  
Entity Title: Not reported  
Affiliation Address: 2233 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRUISE AMERICA (Continued)**

**S113096805**

Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 11 W HAMPTON AVE  
Affiliation City: MESA  
Affiliation State: AZ  
Affiliation Country: Not reported  
Affiliation Zip: 85210  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: David Elmasry  
Entity Title: Hub Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: CRUISE AMERICA  
Entity Title: Not reported  
Affiliation Address: 11 W. HAMPTON AVE.  
Affiliation City: MESA  
Affiliation State: AZ  
Affiliation Country: United States  
Affiliation Zip: 85210  
Affiliation Phone: (310) 522-3870

Affiliation Type Desc: Operator  
Entity Name: MIKE STONER  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (480) 226-2384

Affiliation Type Desc: Parent Corporation  
Entity Name: Cruise America, Inc.  
Entity Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRUISE AMERICA (Continued)**

**S113096805**

Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**F36  
WNW  
< 1/8  
0.069 mi.  
364 ft.**

**MARKSTEIN PROPERTY FORMER  
2055 223RD ST E  
CARSON, CA 90810**

**CA LUST S104406623  
CA ENF N/A  
CA CERS**

**Site 2 of 8 in cluster F**

**Relative:  
Higher  
Actual:  
24 ft.**

LUST:  
Name: MARKSTEIN PROPERTY FORMER  
Address: 2055 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603704485](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704485)  
Global Id: T0603704485  
Latitude: 33.8244083  
Longitude: -118.2385862  
Status: Completed - Case Closed  
Status Date: 12/29/2014  
Case Worker: MT  
RB Case Number: I-21896  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board  
Local Case Number: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST:  
Global Id: T0603704485  
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: T0603704485  
Contact Type: Regional Board Caseworker  
Contact Name: MARYAM TAIDY  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: LOS ANGELES  
Email: maryam.taidy@waterboards.ca.gov  
Phone Number: 2135766741

LUST:  
Global Id: T0603704485  
Action Type: ENFORCEMENT  
Date: 06/15/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

Action: Staff Letter

Global Id: T0603704485  
Action Type: ENFORCEMENT  
Date: 06/16/2014  
Action: Staff Letter

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 01/15/2014  
Action: Monitoring Report - Semi-Annually

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 12/19/2014  
Action: Well Destruction Report

Global Id: T0603704485  
Action Type: ENFORCEMENT  
Date: 05/20/2002  
Action: 13267 Requirement

Global Id: T0603704485  
Action Type: ENFORCEMENT  
Date: 12/29/2014  
Action: Closure/No Further Action Letter

Global Id: T0603704485  
Action Type: ENFORCEMENT  
Date: 09/09/2014  
Action: Notification - Preclosure

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 04/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 07/31/2002  
Action: Other Report / Document

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 01/15/2003  
Action: Monitoring Report - Quarterly



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

Global Id:	T0603704485
Action Type:	RESPONSE
Date:	07/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0603704485
Action Type:	RESPONSE
Date:	10/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0603704485
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603704485
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603704485
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Soil and Water Investigation Report
Global Id:	T0603704485
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603704485
Action Type:	Other
Date:	07/27/1994
Action:	Leak Discovery
Global Id:	T0603704485
Action Type:	RESPONSE
Date:	10/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603704485
Action Type:	RESPONSE
Date:	01/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0603704485
Action Type:	RESPONSE
Date:	01/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603704485
Action Type:	RESPONSE
Date:	04/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603704485
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

Date: 07/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 06/11/2014  
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0603704485  
Action Type: REMEDIATION  
Date: 09/15/1997  
Action: Excavation

Global Id: T0603704485  
Action Type: Other  
Date: 01/11/1995  
Action: Leak Reported

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: ENFORCEMENT  
Date: 06/28/2002  
Action: 13267 Requirement

Global Id: T0603704485  
Action Type: ENFORCEMENT  
Date: 04/04/2003  
Action: Notice of Violation

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: ENFORCEMENT  
Date: 10/17/2001  
Action: 13267 Requirement

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 10/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603704485  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Monitoring Report - Quarterly

**LUST:**

Global Id: T0603704485  
Status: Open - Case Begin Date  
Status Date: 07/24/1994

Global Id: T0603704485  
Status: Open - Site Assessment  
Status Date: 07/24/1994

Global Id: T0603704485  
Status: Open - Verification Monitoring  
Status Date: 01/11/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

Global Id: T0603704485  
Status: Open - Site Assessment  
Status Date: 10/27/1997

Global Id: T0603704485  
Status: Open - Site Assessment  
Status Date: 07/30/1998

Global Id: T0603704485  
Status: Open - Site Assessment  
Status Date: 11/30/2000

Global Id: T0603704485  
Status: Open - Remediation  
Status Date: 10/17/2001

Global Id: T0603704485  
Status: Open - Eligible for Closure  
Status Date: 12/20/2012

Global Id: T0603704485  
Status: Completed - Case Closed  
Status Date: 12/29/2014

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-21896  
Status: Remediation Plan  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: Not reported  
Global ID: T0603704485  
W Global ID: Not reported  
Staff: JW  
Local Agency: 19000  
Cross Street: WILMINGTON AVE  
Enforcement Type: NA  
Date Leak Discovered: 7/27/1994  
Date Leak First Reported: 1/11/1995  
Date Leak Record Entered: 11/3/1995  
Date Confirmation Began: 7/24/1994  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 7/15/2002  
Date the Case was Closed: Not reported  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: Tank  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 1511.814604792211270530461075

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

Source of Cleanup Funding: Tank  
Preliminary Site Assessment Workplan Submitted: 10/27/1997  
Preliminary Site Assessment Began: 7/30/1998  
Pollution Characterization Began: 11/30/2000  
Remediation Plan Submitted: 10/17/2001  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: 1/11/1995  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: 1/1/1965  
Hist Max MTBE Conc in Groundwater: 490  
Hist Max MTBE Conc in Soil: 76.5  
Significant Interim Remedial Action Taken: Yes  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: MR. STANLEY LUCAS  
RP Address: 2850 TEMPLE AVE.  
Program: LUST  
Lat/Long: 33.8244083 / -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: 359.39 TONS OF SOIL EXCAVATED ON 9/15/97. NFA FOR SOIL NEED GW SAP.  
PROP. HAS NEW R.P. -1/6/98 ; 6/8/00 1ST QTR GW MON RPT 2000; 7/26/00  
2ND QTR GW RPT

**ENF:**

Name: MARKSTEIN PROPERTY FORMER  
Address: 2055 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Region: 4  
Facility Id: 239597  
Agency Name: Stan Lucas Automotive  
Place Type: Facility  
Place Subtype: Not reported  
Facility Type: Not reported  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.824271  
Place Longitude: -118.23906  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	I-21896
Reg Measure Id:	168396
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	235730
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	05/16/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/16/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - I-21896
Description:	Notice of Violation sent 5/16/01 for overdue groundwater monitoring reports & fee title holder information.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	MARKSTEIN PROPERTY FORMER
Address:	2055 223RD ST E
City,State,Zip:	CARSON, CA 90810
Region:	4
Facility Id:	239597
Agency Name:	Stan Lucas Automotive
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.824271
Place Longitude:	-118.23906
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	I-21896
Reg Measure Id:	168396
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

301H: Not reported  
Application Fee Amt Received: Not reported  
Status: Never Active  
Status Date: 02/20/2013  
Effective Date: Not reported  
Expiration/Review Date: Not reported  
Termination Date: Not reported  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: Not reported  
Direction/Voice: Passive  
Enforcement Id(EID): 230164  
Region: 4  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Staff Enforcement Letter  
Effective Date: 05/02/2000  
Adoption/Issuance Date: Not reported  
Achieve Date: 8/22/2000  
Termination Date: 05/02/2000  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - I-21896  
Description: Level 1 enforcement letter sent 5/2/00 for 4 overdue groundwater monitoring reports & fee title holder information.  
  
Program: UST  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Name: MARKSTEIN PROPERTY FORMER  
Address: 2055 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Region: 4  
Facility Id: 239597  
Agency Name: Stan Lucas Automotive  
Place Type: Facility  
Place Subtype: Not reported  
Facility Type: Not reported  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.824271  
Place Longitude: -118.23906  
SIC Code 1: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	I-21896
Reg Measure Id:	168396
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	228025
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	10/24/2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN PROPERTY FORMER (Continued)**

**S104406623**

Adoption/Issuance Date: Not reported  
Achieve Date: 11/30/2000  
Termination Date: 10/24/2000  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - I-21896  
Description: Notice of Violation sent 10/24/00 for overdue workplan & fee title holder information.  
Program: UST  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

**CERS:**

Name: MARKSTEIN PROPERTY FORMER  
Address: 2055 223RD ST E  
City,State,Zip: CARSON, CA 90810  
Site ID: 247708  
CERS ID: T0603704485  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: MARYAM TAIDY - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766741

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

F37  
WNW  
< 1/8  
0.069 mi.  
364 ft.

**HERRON OPTICAL PRODUCTS DIVISION**  
**2035 E 223 STREET**  
**LONG BEACH, CA 90810**

**Site 3 of 8 in cluster F**

**RCRA-SQG 1000367610**  
**FINDS CAD008381394**  
**ECHO**

**Relative:**  
**Higher**

RCRA-SQG:

**Actual:**  
**24 ft.**

Date form received by agency: 09/01/1996  
Facility name: HERRON OPTICAL PRODUCTS DIVISION  
Facility address: 2035 E 223 STREET  
LONG BEACH, CA 90810  
EPA ID: CAD008381394  
Mailing address: E SECOND HUNDRED TWENTY T  
LONG BEACH, CA 90810  
Contact: Not reported  
Contact address: Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HERRON OPTICAL PRODUCTS DIVISION (Continued)**

**1000367610**

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

Violation Status: No violations found

**FINDS:**

Registry ID: 110002633776

**Environmental Interest/Information System**

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

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

**ECHO:**

Envid: 1000367610  
Registry ID: 110002633776  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002633776>

**F38  
WNW  
< 1/8  
0.072 mi.  
381 ft.**

**MARKSTEIN DISTRIBUTORS  
2055 E 223RD ST  
CARSON, CA 90745**

**CA CERS HAZ WASTE  
CA HAZNET  
CA CERS**

**S112856563  
N/A**

**Site 4 of 8 in cluster F**

**Relative:  
Higher  
Actual:  
24 ft.**

**CERS HAZ WASTE:**  
Name: SOCIAL HONDA POWERSPORTS  
Address: 2055 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 372790  
CERS ID: 10672819  
CERS Description: Hazardous Waste Generator

**HAZNET:**

Name: MARKSTEIN DISTRIBUTORS  
Address: 2055 E 223RD ST  
City,State,Zip: CARSON, CA 907450000  
Year: 1994  
GEPaid: CAC000961544

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN DISTRIBUTORS (Continued)**

**S112856563**

Contact: HARLEY SMITH/CONTROLLER  
Telephone: 5108381919  
Mailing Name: Not reported  
Mailing Address: 101 PARK PLACE  
Mailing City,St,Zip: SAN RAMON, CA 945830000  
Gen County: Los Angeles  
TSD EPA ID: Not reported  
TSD County: Not reported  
Tons: 1.14  
CA Waste Code: 221-Waste oil and mixed oil  
Method: R01-Recycler  
Facility County: Los Angeles

**CERS:**

Name: SOCAL HONDA POWERSPORTS  
Address: 2055 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 372790  
CERS ID: 10672819  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 372790  
Site Name: SOCAL HONDA POWERSPORTS  
Violation Date: 05-18-2019  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. 2019 California Environmental Reporting System (CERS) submittal was missing/inaccurate; Reviewed CERS submittals submitted on 5/6/2019 and found the following needed to be addressed: - Not using the most up-to-date form to complete facility's Consolidated Emergency Response / Contingency Plan (CER/CP); Old CER/CP form was used - please use attached Rev. 03/07/17 CER/CP form; - Missing Local Unified Program Agency (UPA/CUPA) phone number (323-890-4317) on facility's consolidated emergency response / contingency plan; - Missing required contents (facility name and address, locations and names of adjacent streets and alleys, storm and sewer drains, evacuation gathering site, and emergency shutoffs (e.g. water, gas, and electricity shutoffs)) [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 372790  
Site Name: SOCAL HONDA POWERSPORTS  
Violation Date: 05-18-2019  
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN DISTRIBUTORS (Continued)**

**S112856563**

Violation Notes: stored in a manner which may rupture the container or cause it to leak.  
Returned to compliance on 06/17/2019. OBSERVATION: The following containers/drums containing hazardous wastes located in the maintenance shop were observed open. - 1 x 55-gallon drum containing hazardous waste used and drained oil filters (non-metal type); - 1 x 55-gallon drum containing hazardous waste used, drained, and punctured oil filters (metal type); - 2 x 5-gallon plastic containers containing hazardous waste liquids (waste gasoline); CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 372790  
Site Name: SOCAL HONDA POWERSPORTS  
Violation Date: 05-18-2019  
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22

Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.

Violation Notes: Returned to compliance on 06/17/2019. OBSERVATION: Two 55-gallon drums containing used oil and fuel filters (non-metal and metal types) located inside the maintenance shop were observed without a lids and without the accumulate date info on the hazardous waste label.  
CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the used oil and fuel filters are being properly managed or submit a bill of lading to this department demonstrating proper disposal.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 372790  
Site Name: SOCAL HONDA POWERSPORTS  
Violation Date: 05-18-2019  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 06/17/2019. OBSERVATION: The following containers of hazardous waste were observed with incomplete or no hazardous waste labels: - 2 x 5-gallon plastic containers containing hazardous waste liquids (waste gasoline) were observed open and without a hazardous waste label; CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 372790  
Site Name: SOCAL HONDA POWERSPORTS  
Violation Date: 05-18-2019

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN DISTRIBUTORS (Continued)**

**S112856563**

Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7

Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2) By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 06/17/2019. OBSERVATION: A few 55-gallon used and empty drums were observed inside the maintenance shop without a proper empty label. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 372790  
Site Name: SOCAL HONDA POWERSPORTS  
Violation Date: 05-18-2019  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: OBSERVATION: Uniform Hazardous Waste Manifests for used oils, used antifreeze, waste gasoline, and used and drained oil filters (metal and non-metal types) were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for used oils, used antifreeze, waste gasoline, and used and drained oil filters (metal and non-metal types) and submit copies to the CUPA.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 372790  
Site Name: SOCAL HONDA POWERSPORTS  
Violation Date: 04-27-2016  
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507

Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MARKSTEIN DISTRIBUTORS (Continued)

S112856563

Violation Notes: quantities.  
Returned to compliance on 03/09/2017. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Observed no hazardous materials business plan for review at the time of inspection. Observed 110 gallons of used oil and 110 gallons of new motor oil on site. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 372790  
Site Name: SOCAL HONDA POWERSPORTS  
Violation Date: 04-27-2016  
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130

Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.

Violation Notes: Returned to compliance on 04/27/2016. OBSERVATION: Generator failed to properly handle, manage, label, and/or recycle used oil and fuel filters. Observed no label on one of two used oil containers. Corrected on site. CORRECTIVE ACTION: Owner/Operator shall immediately comply with the Title 22 regulations with regards to the proper handling, management, labeling and recycling of used oil and fuel filters. Verify compliance with the CUPA within 30 days.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-27-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Robert Cavenah, Owner. Aurora Levchenko, Business Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-27-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Robert Cavenah, Owner. Aurora Levchenko, Business Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-18-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Robert Cavenah, owner  
Eval Division: Los Angeles County Fire Department



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN DISTRIBUTORS (Continued)**

**S112856563**

Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-18-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Robert Cavenah, owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 12-12-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed CERS submittals. NOV abated.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Coordinates:  
Site ID: 372790  
Facility Name: SOCAL HONDA POWERSPORTS  
Env Int Type Code: HWG  
Program ID: 10672819  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.824320  
Longitude: -118.238700

Affiliation:  
Affiliation Type Desc: Document Preparer  
Entity Name: Aurora Levchenko  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Robert Cavenah  
Entity Title: Not reported  
Affiliation Address: 2055 E 223rd St  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 834-6632

Affiliation Type Desc: Identification Signer  
Entity Name: Aurora Levchenko  
Entity Title: Business Manager  
Affiliation Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN DISTRIBUTORS (Continued)**

**S112856563**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Robert Cavenah
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(310) 834-6632
Affiliation Type Desc:	Parent Corporation
Entity Name:	SOCAL HONDA POWERSPORTS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Stan Lucas
Entity Title:	Not reported
Affiliation Address:	2850 Temple Ave
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 595-6721
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4045
Affiliation Type Desc:	Environmental Contact
Entity Name:	Robert Cavenah
Entity Title:	Not reported
Affiliation Address:	2055 E 223rd St
Affiliation City:	Carson
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90810
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARKSTEIN DISTRIBUTORS (Continued)**

**S112856563**

Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2055 E 223rd St  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**F39**  
**WNW**  
**< 1/8**  
**0.093 mi.**  
**493 ft.**

**MARKSTEIN PROPERTY FORMER**  
**2055 223RD**  
**LONG BEACH, CA 90810**  
**Site 5 of 8 in cluster F**

**CA HIST CORTESE** **S105024549**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

HIST CORTESE:  
edr\_fname: MARKSTEIN PROPERTY FORMER  
edr\_fadd1: 2055 223RD  
City,State,Zip: LONG BEACH, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-21896

**F40**  
**WNW**  
**< 1/8**  
**0.100 mi.**  
**530 ft.**

**LA CO FD FIRE STA #127**  
**2049 E 223RD ST**  
**CARSON, CA 90810**  
**Site 6 of 8 in cluster F**

**CA CERS HAZ WASTE** **S101897033**  
**CA SWEEPS UST** **N/A**  
**CA LOS ANGELES CO. HMS**  
**CA CERS**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

CERS HAZ WASTE:  
Name: LA CO FD STATION #127  
Address: 2049 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 42507  
CERS ID: 10272538  
CERS Description: Hazardous Waste Generator

**SWEEPS UST:**

Name: LA CO FD FIRE STA #127  
Address: 2049 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 12498  
Number: 9  
Board Of Equalization: 44-009777  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-012498-000001  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LA CO FD FIRE STA #127 (Continued)

S101897033

STG: W  
Content: Not reported  
Number Of Tanks: 2

Name: LA CO FD FIRE STA #127  
Address: 2049 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 12498  
Number: 9  
Board Of Equalization: 44-009777  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-012498-000002  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:

Name: LA CO FD FIRE STA #127  
Address: 2049 E 223RD ST  
City,State,Zip: CARSON, CA 908101061  
Region: LA  
Permit Category: T  
Facility Id: 012367-012498  
Facility Type: 0  
Facility Status: Removed  
Area: 22  
Permit Number: 00004242T  
Permit Status: Removed

CERS:

Name: LA CO FD STATION #127  
Address: 2049 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 42507  
CERS ID: 10272538  
CERS Description: Chemical Storage Facilities

Coordinates:

Site ID: 42507  
Facility Name: LA CO FD STATION #127  
Env Int Type Code: HMBP  
Program ID: 10272538  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.824660  
Longitude: -118.238370

Affiliation:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LA CO FD FIRE STA #127 (Continued)

S101897033

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Document Preparer  
Entity Name: CAST K DOWEY  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: CAPTAIN ON DUTY  
Entity Title: Not reported  
Affiliation Address: 2049 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810-1610  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: LA CO FIRE DEPT  
Entity Title: Not reported  
Affiliation Address: 1320 N EASTERN AVE  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90063  
Affiliation Phone: (323) 881-6183

Affiliation Type Desc: Operator  
Entity Name: LA CO Fire Dept - Construction and Maintenance Division  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (323) 881-6122

Affiliation Type Desc: Parent Corporation  
Entity Name: LA CO FD  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LA CO FD FIRE STA #127 (Continued)

S101897033

Affiliation Zip: Not reported  
Affiliation Phone: Not reported  
  
Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2049 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810-1610  
Affiliation Phone: Not reported

F41  
WNW  
< 1/8  
0.100 mi.  
530 ft.

FIRE STATION #127  
2049 223RD ST  
CARSON, CA 90810  
  
Site 7 of 8 in cluster F

CA LUST S102429928  
CA HIST CORTESE N/A  
CA CERS

Relative:  
Higher  
  
Actual:  
24 ft.

LUST:  
Name: FIRE STATION #127  
Address: 2049 223RD ST  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603705133](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705133)  
Global Id: T0603705133  
Latitude: 33.8244083  
Longitude: -118.2387312  
Status: Completed - Case Closed  
Status Date: 03/28/2011  
Case Worker: MB  
RB Case Number: R-12498  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board  
Local Case Number: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon  
Site History: Not reported

LUST:  
Global Id: T0603705133  
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: T0603705133  
Contact Type: Regional Board Caseworker  
Contact Name: MAGDY BAIADY  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: LOS ANGELES  
Email: mbaiady@waterboards.ca.gov

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

Phone Number: 2135766699

LUST:

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 05/28/2009  
Action: Well Installation Report

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 05/04/2010  
Action: Request for Closure

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 05/21/2003  
Action: Staff Letter

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 12/19/2002  
Action: Request for Closure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 10/02/2003  
Action: \* Verbal Communication

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 01/27/2004  
Action: \* Verbal Communication

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 06/24/2003  
Action: Site Visit / Inspection / Sampling

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 03/15/2004  
Action: Preliminary Site Assessment Workplan

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2003  
Action: Soil and Water Investigation Workplan

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2003  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

Date: 07/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 02/14/2005  
Action: Staff Letter

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 06/09/2004  
Action: Staff Letter

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 05/14/2004  
Action: Site Visit / Inspection / Sampling

Global Id: T0603705133  
Action Type: Other  
Date: 12/11/1995  
Action: Leak Discovery

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Soil and Water Investigation Workplan

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2011  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603705133  
Action Type: Other  
Date: 12/11/1995  
Action: Leak Stopped

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

Date: 03/28/2011  
Action: Closure/No Further Action Letter

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/04/2005  
Action: Soil and Water Investigation Workplan

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 03/13/2001  
Action: 13267 Requirement

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 06/03/2008  
Action: Staff Letter

Global Id: T0603705133  
Action Type: Other  
Date: 12/11/1995  
Action: Leak Reported

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 10/27/2005  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

Global Id:	T0603705133
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Conceptual Site Model
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	07/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	07/15/2006
Action:	Conceptual Site Model
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Conceptual Site Model
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	04/15/2007
Action:	Conceptual Site Model
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	04/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	01/15/2009
Action:	Conceptual Site Model
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	01/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0603705133
Action Type:	RESPONSE
Date:	04/08/2008
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0603705133
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

Date: 10/15/2007  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Interim Remedial Action Plan

Global Id: T0603705133  
Action Type: ENFORCEMENT  
Date: 02/19/2009  
Action: Waste Discharge Requirements

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 10/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Conceptual Site Model

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

Global Id: T0603705133  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Conceptual Site Model

LUST:

Global Id: T0603705133  
Status: Open - Case Begin Date  
Status Date: 12/11/1995

Global Id: T0603705133  
Status: Open - Site Assessment  
Status Date: 12/09/1996

Global Id: T0603705133  
Status: Open - Remediation  
Status Date: 09/26/2001

Global Id: T0603705133  
Status: Open - Site Assessment  
Status Date: 04/09/2004

Global Id: T0603705133  
Status: Open - Site Assessment  
Status Date: 03/24/2005

Global Id: T0603705133  
Status: Open - Site Assessment  
Status Date: 10/04/2005

Global Id: T0603705133  
Status: Open - Remediation  
Status Date: 04/08/2008

Global Id: T0603705133  
Status: Open - Verification Monitoring  
Status Date: 06/20/2008

Global Id: T0603705133  
Status: Completed - Case Closed  
Status Date: 03/28/2011

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-12498  
Status: Pollution Characterization  
Substance: Hydrocarbons  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: OT  
Global ID: T0603705133  
W Global ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

Staff: MB  
Local Agency: 19000  
Cross Street: WILMINGTON AVE  
Enforcement Type: DLSEL  
Date Leak Discovered: 12/11/1995  
Date Leak First Reported: 12/11/1995  
Date Leak Record Entered: 2/28/1996  
Date Confirmation Began: Not reported  
Date Leak Stopped: 12/11/1995  
Date Case Last Changed on Database: 6/13/2002  
Date the Case was Closed: Not reported  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: STATION CAPTAIN  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 1550.7346587435729474907882713  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: 4/9/2004  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: 4/9/2004  
Remediation Plan Submitted: 9/26/2001  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: 3/13/2001  
Historical Max MTBE Date: 1/1/1965  
Hist Max MTBE Conc in Groundwater: 3520  
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: DOUG MAYERS  
RP Address: 1320 N EASTERN AVE.  
Program: LUST  
Lat/Long: 33.8244083 / -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: GW @ DEPTH OF 28', CONTINUED MONT.; 2/25/00 REQUEST FOR LOW RISK CLOSURE & 1ST QTR GW MON RPT 2000; 6/1/00 2ND QTR GW MON RPT 2000; 8/21/00 3RD QTR GW MON; 12/12/00 4TH QTR GW MON RPT 2000

**HIST CORTESE:**

edr\_fname: FIRE STATION #127  
edr\_fadd1: 2049 223RD  
City,State,Zip: CARSON, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: R-12498

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FIRE STATION #127 (Continued)**

**S102429928**

**CERS:**

Name: FIRE STATION #127  
 Address: 2049 223RD ST  
 City,State,Zip: CARSON, CA 90810  
 Site ID: 196101  
 CERS ID: T0603705133  
 CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
 Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
 Entity Title: Not reported  
 Affiliation Address: 900 S FREMONT AVE  
 Affiliation City: ALHAMBRA  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
 Entity Name: MAGDY BAIADY - LOS ANGELES RWQCB (REGION 4)  
 Entity Title: Not reported  
 Affiliation Address: 320 W. 4TH ST., SUITE 200  
 Affiliation City: LOS ANGELES  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: 2135766699

**F42  
 WNW  
 < 1/8  
 0.100 mi.  
 530 ft.**

**CITY OF CARSON - LA COUNTY PROPERTY  
 2049 223RD  
 CARSON, CA 90745**

**CA CPS-SLIC S106387028  
 N/A**

**Site 8 of 8 in cluster F**

**Relative:  
 Higher**

SLIC REG 4:  
 Region: 4  
 Facility Status: Site Assessment  
 SLIC: 0496B8  
 Substance: Not reported  
 Staff: SSH

**Actual:  
 24 ft.**

**H43  
 ENE  
 < 1/8  
 0.108 mi.  
 571 ft.**

**ARCO POLYPROPYLENE LLC  
 2384 E 223RD ST  
 CARSON, CA 90810**

**CA CPS-SLIC S105675259  
 CA CHMIRS N/A  
 CA LOS ANGELES CO. HMS  
 CA CERS**

**Site 1 of 4 in cluster H**

**Relative:  
 Higher**

CPS-SLIC:  
 Name: CITY OF CARSON - ARCO  
 Address: 2384 E. 223RD ST  
 City,State,Zip: CARSON, CA 90745  
 Region: STATE  
**Facility Status: Open - Inactive**  
 Status Date: 01/21/2015

**Actual:  
 25 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARCO POLYPROPYLENE LLC (Continued)

S105675259

Global Id: SLT43303301  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.824281  
Longitude: -118.231982  
Case Type: Cleanup Program Site  
Case Worker: AGH  
Local Agency: Not reported  
RB Case Number: 0496C2  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

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

CHMIRS:

Name: Not reported  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA  
OES Incident Number: 1-1877  
OES notification: 03/30/2001  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: N/A  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARCO POLYPROPYLENE LLC (Continued)

S105675259

Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Arco Polypropylene  
Incident Date: 3/29/2001 12:00:00 AM  
Admin Agency: L. A. County Fire Prevention  
Amount: Not reported  
Contained: Unknown  
Site Type: Industrial Plant  
E Date: Not reported  
Substance: Nitrogen oxide  
Pounds: 17  
Unknown: 0.000000  
Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
#1 Pipeline: Not reported  
#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
Fatals: Not reported  
Comments: Not reported  
Description: Process upset led to an excess of propylene being sent to the safety flare.

Name: Not reported  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
OES Incident Number: 1-2400  
OES notification: 04/25/2001  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO POLYPROPYLENE LLC (Continued)**

**S105675259**

Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: N/A  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: ARCO Polypropylene  
Incident Date: 4/24/2001 12:00:00 AM  
Admin Agency: L. A. County Fire Prevention  
Amount: Not reported  
Contained: Yes  
Site Type: Industrial Plant  
E Date: Not reported  
Substance: Hydrogen Oxides  
Pounds: 12  
Unknown: 0.000000  
Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
#1 Pipeline: Not reported  
#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
FATALS: Not reported  
Comments: Not reported  
Description: A series of production upsets causing venting to the flare

**LOS ANGELES CO. HMS:**

Name: JOHNS MANVILLE PROD  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: Not reported  
Facility Id: 000222-000223  
Facility Type: Not reported  
Facility Status: Removed  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO POLYPROPYLENE LLC (Continued)**

**S105675259**

Name: ARCO POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: I  
Facility Id: 000222-045921  
Facility Type: 02  
Facility Status: Closed  
Area: 22  
Permit Number: 00015047J  
Permit Status: Closed

Name: ARCO POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: I  
Facility Id: 000222-045921  
Facility Type: 02  
Facility Status: Closed  
Area: 22  
Permit Number: 00014618J  
Permit Status: Closed

Name: ARCO POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: I  
Facility Id: 000222-045921  
Facility Type: 04  
Facility Status: Closed  
Area: 22  
Permit Number: N00460616  
Permit Status: Closed

Name: INNOVENE POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: I  
Facility Id: 000222-045923  
Facility Type: 12  
Facility Status: Closed  
Area: 22  
Permit Number: 00015491J  
Permit Status: Closed

Name: INNOVENE POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: I  
Facility Id: 000222-045923  
Facility Type: 12  
Facility Status: Closed  
Area: 22

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO POLYPROPYLENE LLC (Continued)**

**S105675259**

Permit Number: 00015492J  
Permit Status: Closed

Name: JOHNS MANVILLE PROD  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: I  
Facility Id: 000222-I00223  
Facility Type: 01  
Facility Status: Closed  
Area: 22  
Permit Number: 000006087  
Permit Status: Closed

Name: JOHNS MANVILLE PROD  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: I  
Facility Id: 000222-I00223  
Facility Type: 03  
Facility Status: Closed  
Area: 22  
Permit Number: 000009002  
Permit Status: Closed

**CERS:**

Name: CITY OF CARSON - ARCO  
Address: 2384 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Site ID: 192212  
CERS ID: SLT43303301  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: ARTHUR G. HEATH - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4th Street, Suite  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766725

**H44**  
**ENE**  
**< 1/8**  
**0.115 mi.**  
**608 ft.**

**CITY OF CARSON - ARCO**  
**2384 223RD**  
**CARSON, CA 90745**  
**Site 2 of 4 in cluster H**

**CA CPS-SLIC S105520913**  
**N/A**

**Relative:**  
**Higher**

SLIC REG 4:  
Region: 4  
Facility Status: Site Assessment  
SLIC: 0496C2  
Substance: Not reported

**Actual:**  
**25 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY OF CARSON - ARCO (Continued)

S105520913

Staff: SSH

H45  
ENE  
< 1/8  
0.115 mi.  
608 ft.

INEOS POLYPROPYLENE LLC  
2384 E 223RD ST  
CARSON, CA 90810

CA CERS HAZ WASTE  
CA EMI  
CA CERS

S108432119  
N/A

Site 3 of 4 in cluster H

Relative:  
Higher  
Actual:  
25 ft.

CERS HAZ WASTE:

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 908101615  
Site ID: 38098  
CERS ID: 10292143  
CERS Description: Hazardous Chemical Management

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 908101615  
Site ID: 38098  
CERS ID: 10292143  
CERS Description: Hazardous Waste Generator

EMI:

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2005  
County Code: 19  
Air Basin: SC  
Facility ID: 124808  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 16.307915  
Reactive Organic Gases Tons/Yr: 8.132018982  
Carbon Monoxide Emissions Tons/Yr: 1.19663  
NOX - Oxides of Nitrogen Tons/Yr: 2.5742  
SOX - Oxides of Sulphur Tons/Yr: .02001  
Particulate Matter Tons/Yr: .97046  
Part. Matter 10 Micrometers and Smllr Tons/Yr.:73652204

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2006  
County Code: 19  
Air Basin: SC  
Facility ID: 124808  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 43.37694157989631658

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Reactive Organic Gases Tons/Yr: 13.513  
Carbon Monoxide Emissions Tons/Yr: 1.08  
NOX - Oxides of Nitrogen Tons/Yr: 2.67  
SOX - Oxides of Sulphur Tons/Yr: .02  
Particulate Matter Tons/Yr: .978  
Part. Matter 10 Micrometers and Smlr Tons/Yr.:7194

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA  
Year: 2007  
County Code: 19  
Air Basin: SC  
Facility ID: 124808  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 43.37694157989631658  
Reactive Organic Gases Tons/Yr: 13.513  
Carbon Monoxide Emissions Tons/Yr: 1.08  
NOX - Oxides of Nitrogen Tons/Yr: 2.67  
SOX - Oxides of Sulphur Tons/Yr: .02  
Particulate Matter Tons/Yr: .978  
Part. Matter 10 Micrometers and Smlr Tons/Yr.:7194

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2008  
County Code: 19  
Air Basin: SC  
Facility ID: 124808  
Air District Name: SC  
SIC Code: 2822  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 38.48745456587206828  
Reactive Organic Gases Tons/Yr: 12.2776679  
Carbon Monoxide Emissions Tons/Yr: .94663  
NOX - Oxides of Nitrogen Tons/Yr: 2.42  
SOX - Oxides of Sulphur Tons/Yr: .020155431777244212  
Particulate Matter Tons/Yr: .7932225  
Part. Matter 10 Micrometers and Smlr Tons/Yr.:5370842

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2013  
County Code: 19  
Air Basin: SC  
Facility ID: 124808  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 15.887775729  
Reactive Organic Gases Tons/Yr: 13.708  
Carbon Monoxide Emissions Tons/Yr: 1.66893  
NOX - Oxides of Nitrogen Tons/Yr: 1.03357  
SOX - Oxides of Sulphur Tons/Yr: 0.0006285396  
Particulate Matter Tons/Yr: 1.36691  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.9931066

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2014  
County Code: 19  
Air Basin: SC  
Facility ID: 124808  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 11.733926348  
Reactive Organic Gases Tons/Yr: 10.8043  
Carbon Monoxide Emissions Tons/Yr: 1.69368  
NOX - Oxides of Nitrogen Tons/Yr: 1.38092  
SOX - Oxides of Sulphur Tons/Yr: 0.01072  
Particulate Matter Tons/Yr: 1.48236  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.3701952

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2015  
County Code: 19  
Air Basin: SC  
Facility ID: 124808  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 12.127249647  
Reactive Organic Gases Tons/Yr: 11.2246081  
Carbon Monoxide Emissions Tons/Yr: 1.6617811  
NOX - Oxides of Nitrogen Tons/Yr: 1.015353  
SOX - Oxides of Sulphur Tons/Yr: 0.0109188  
Particulate Matter Tons/Yr: 1.82390545  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.6828510672

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2016  
County Code: 19  
Air Basin: SC  
Facility ID: 124808



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 12.001140658  
Reactive Organic Gases Tons/Yr: 11.058491  
Carbon Monoxide Emissions Tons/Yr: 1.69478  
NOX - Oxides of Nitrogen Tons/Yr: 1.2144  
SOX - Oxides of Sulphur Tons/Yr: 0.02002771  
Particulate Matter Tons/Yr: 1.668144  
Part. Matter 10 Micrometers and Smllr Tons/Yr:1.54504468

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2017  
County Code: 19  
Air Basin: SC  
Facility ID: 124808  
Air District Name: SC  
SIC Code: 2821  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 13.264961602  
Reactive Organic Gases Tons/Yr: 11.852315  
Carbon Monoxide Emissions Tons/Yr: 1.80354  
NOX - Oxides of Nitrogen Tons/Yr: 1.2344  
SOX - Oxides of Sulphur Tons/Yr: 0.02025886  
Particulate Matter Tons/Yr: 1.66774  
Part. Matter 10 Micrometers and Smllr Tons/Yr:1.547850376

**CERS:**

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 908101615  
Site ID: 38098  
CERS ID: 10292143  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 06-19-2014  
Citation: 19 CCR 4.5 2760.6(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.6(b)  
Violation Description: Failure to ensure the following considerations are addressed in the Management of Change procedures prior to any change: 1. The technical basis for the proposed change; 2. Impact of change on safety and health; 3. Modifications to operating procedures; 4. Necessary time period for the change; 5. Authorization requirements for the proposed change.

Violation Notes: Returned to compliance on 09/12/2016. OBSERVATION: The owner/operator failed to ensure the following considerations are addressed in the Management of Change procedures prior to any change: the technical basis for the proposed change; /impact of change on safety and health;

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

modifications to operating procedures; necessary time period for the change; authorization requirements for the proposed change. CUPA  
CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating the following considerations are addressed in the Management of Change procedures prior to any change: the technical basis for the proposed change; /impact of change on safety and health; modifications to operating procedures; necessary time period for the change; authorization requirements for the proposed change.

Violation Division: Los Angeles County Fire Department  
Violation Program: CalARP  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)  
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.

Violation Notes: Returned to compliance on 02/10/2014. Lab results indicated non-hazardous

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 02/18/2014. Metal tank containing HW Teal lacking hazardous waste labeling requirements. While the labeling did not have the term "hazardous" included; the tank has permanently attached identification that includes all other labeling requirements. Prior to shipping for disposal, a hazardous waste label is affixed to each of the four sides of the tank. To address the finding, an additional hazardous waste label was attached to the container. Digital images received.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple

Violation Description: Haz Waste Generator Program - Release/Leaks/Spills - General  
Violation Notes: Returned to compliance on 01/30/2014. spills/leaks removed from the secondary containment area.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple  
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 02/18/2014. Satellite accumulation container missing initial date of accumulations. The initial date of accumulation has been included on the satellite accumulation container. The 55-gallon drum containing Paint Related Waste with Xylene was disposed on 15 January 2014 under Uniform Hazardous Waste Manifest Number 012386612 JJK.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 06-19-2014  
Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)  
Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.  
Violation Notes: Returned to compliance on 09/12/2016. OBSERVATION: The business failed to complete and/or submit chemical inventory forms for all reportable hazardous materials on site. CORRECTIVE ACTION: Complete the chemical inventory forms for all reportable hazardous materials on site and submit a copy to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Inspected by R.Mariano consent by Preston Wyatt Routineinspection. Routine Supplemental inspection to follow.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: routine inspection conducted with Ruben Garcia. unable to conclude inspection to return 1/16/14  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2019  
Violations Found: No  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Eval Notes: Sandeep Som, Safety, Health & Environmental Engineering Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Sandeep Som, Safety, Health & Environmental Engineering Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-16-2014  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Inspected by R.Mariano consent by Preston Wyatt Routine Supplemental inspection  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-30-2014  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Inspected by R.Mariano consent by Preston Wyatt Observed HW determination sampling from North sump and drum wash area. Hazardous waste determination required based on the routine supplemental inspection conducted on 01/16/2014.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-18-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-18-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-19-2014  
Violations Found: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-19-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

**Enforcement Action:**

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Site Address: 2384 E 223RD ST  
Site City: CARSON  
Site Zip: 908101615  
Enf Action Date: 06-19-2014  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: CalARP  
Enf Action Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Site Address: 2384 E 223RD ST  
Site City: CARSON  
Site Zip: 908101615  
Enf Action Date: 06-19-2014  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: HMRRP  
Enf Action Source: CERS

**Coordinates:**

Site ID: 38098  
Facility Name: INEOS POLYPROPYLENE LLC  
Env Int Type Code: CalARP  
Program ID: 10292143  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.823990  
Longitude: -118.231590

**Affiliation:**

Affiliation Type Desc: Environmental Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: STACY PUTMAN  
Entity Title: SITE MANAGER  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: 3108478545

Affiliation Type Desc: Technical Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: 3108478545

Affiliation Type Desc: Company Official  
Entity Name: Preston Wyatt  
Entity Title: Senior Engineer, Environmental  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Affiliation Type Desc: Environmental Contact  
Entity Name: PRESTON S WYATT  
Entity Title: SR ENGINEER - ENVIRON.  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: STACY PUTMAN  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 847-8520

Affiliation Type Desc: Parent Company  
Entity Name: INEOS USA LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: SANDEEP SOM  
Entity Title: HSSE MANAGER  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810-1615  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: INEOS POLYPROPYLENE LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: INEOS POLYPROPYLENE LLC  
Entity Title: Not reported  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810-1615  
Affiliation Phone: (310) 847-8500

Affiliation Type Desc: Public Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 908101615  
Site ID: 38098  
CERS ID: 90749RCPRD1801A  
CERS Description: Toxic Release Inventory

Violations:  
Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 06-19-2014  
Citation: 19 CCR 4.5 2760.6(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.6(b)  
Violation Description: Failure to ensure the following considerations are addressed in the



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Management of Change procedures prior to any change: 1. The technical basis for the proposed change; 2. Impact of change on safety and health; 3. Modifications to operating procedures; 4. Necessary time period for the change; 5. Authorization requirements for the proposed change.

Violation Notes: Returned to compliance on 09/12/2016. OBSERVATION: The owner/operator failed to ensure the following considerations are addressed in the Management of Change procedures prior to any change: the technical basis for the proposed change; /impact of change on safety and health; modifications to operating procedures; necessary time period for the change; authorization requirements for the proposed change. CUPA CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating the following considerations are addressed in the Management of Change procedures prior to any change: the technical basis for the proposed change; /impact of change on safety and health; modifications to operating procedures; necessary time period for the change; authorization requirements for the proposed change.

Violation Division: Los Angeles County Fire Department  
Violation Program: CalARP  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)

Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.

Violation Notes: Returned to compliance on 02/10/2014. Lab results indicated non-hazardous

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 02/18/2014. Metal tank containing HW Teal lacking hazardous waste labeling requirements. While the labeling did not have the term "hazardous" included; the tank has permanently attached identification that includes all other labeling requirements. Prior to shipping for disposal, a hazardous waste label is affixed to each of the four sides of the tank. To address the finding, an additional hazardous waste label was attached to the container. Digital images received.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Violation Date: 01-16-2014  
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple  
Violation Description: Haz Waste Generator Program - Release/Leaks/Spills - General  
Violation Notes: Returned to compliance on 01/30/2014. spills/leaks removed from the secondary containment area.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple  
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 02/18/2014. Satellite accumulation container missing initial date of accumulations. The initial date of accumulation has been included on the satellite accumulation container. The 55-gallon drum containing Paint Related Waste with Xylene was disposed on 15 January 2014 under Uniform Hazardous Waste Manifest Number 012386612 JJK.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 06-19-2014  
Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)  
Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.  
Violation Notes: Returned to compliance on 09/12/2016. OBSERVATION: The business failed to complete and/or submit chemical inventory forms for all reportable hazardous materials on site. CORRECTIVE ACTION: Complete the chemical inventory forms for all reportable hazardous materials on site and submit a copy to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Inspected by R.Mariano consent by Preston Wyatt Routineinspection.  
Routine Supplemental inspection to follow.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2014  
Violations Found: No  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Eval Notes: routine inspection conducted with Ruben Garcia. unable to conclude inspection to return 1/16/14

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Sandeep Som, Safety, Health & Environmental Engineering Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Sandeep Som, Safety, Health & Environmental Engineering Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-16-2014  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Inspected by R.Mariano consent by Preston Wyatt Routine Supplemental inspection  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-30-2014  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Inspected by R.Mariano consent by Preston Wyatt Observed HW determination sampling from North sump and drum wash area. Hazardous waste dtermination required based on the routine supplemental inspection conducted on 01/16/2014.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-18-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-18-2014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-19-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-19-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Enforcement Action:  
Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Site Address: 2384 E 223RD ST  
Site City: CARSON  
Site Zip: 908101615  
Enf Action Date: 06-19-2014  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: CalARP  
Enf Action Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Site Address: 2384 E 223RD ST  
Site City: CARSON  
Site Zip: 908101615  
Enf Action Date: 06-19-2014  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: HMRRP  
Enf Action Source: CERS

Coordinates:  
Site ID: 38098  
Facility Name: INEOS POLYPROPYLENE LLC  
Env Int Type Code: CalARP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Program ID: 10292143  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.823990  
Longitude: -118.231590

Affiliation:

Affiliation Type Desc: Environmental Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: STACY PUTMAN  
Entity Title: SITE MANAGER  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: 3108478545

Affiliation Type Desc: Technical Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: 3108478545

Affiliation Type Desc: Company Official  
Entity Name: Preston Wyatt  
Entity Title: Senior Engineer, Environmental  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact  
Entity Name: PRESTON S WYATT  
Entity Title: SR ENGINEER - ENVIRON.  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: STACY PUTMAN  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 847-8520

Affiliation Type Desc: Parent Company  
Entity Name: INEOS USA LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: SANDEEP SOM  
Entity Title: HSSE MANAGER  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810-1615  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: INEOS POLYPROPYLENE LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: INEOS POLYPROPYLENE LLC  
Entity Title: Not reported  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810-1615  
Affiliation Phone: (310) 847-8500

Affiliation Type Desc: Public Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: INEOS POLYPROPYLENE LLC  
Address: 2384 E 223RD ST  
City,State,Zip: CARSON, CA 908101615

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Site ID: 38098  
CERS ID: 110031018556  
CERS Description: US EPA Air Emission Inventory System (EIS)

Violations:

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 06-19-2014  
Citation: 19 CCR 4.5 2760.6(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.6(b)  
Violation Description: Failure to ensure the following considerations are addressed in the Management of Change procedures prior to any change: 1. The technical basis for the proposed change; 2. Impact of change on safety and health; 3. Modifications to operating procedures; 4. Necessary time period for the change; 5. Authorization requirements for the proposed change.

Violation Notes: Returned to compliance on 09/12/2016. OBSERVATION: The owner/operator failed to ensure the following considerations are addressed in the Management of Change procedures prior to any change: the technical basis for the proposed change; /impact of change on safety and health; modifications to operating procedures; necessary time period for the change; authorization requirements for the proposed change. CUPA CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating the following considerations are addressed in the Management of Change procedures prior to any change: the technical basis for the proposed change; /impact of change on safety and health; modifications to operating procedures; necessary time period for the change; authorization requirements for the proposed change.

Violation Division: Los Angeles County Fire Department  
Violation Program: CalARP  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)  
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.

Violation Notes: Returned to compliance on 02/10/2014. Lab results indicated non-hazardous

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 02/18/2014. Metal tank containing HW Teal lacking hazardous waste labeling requirements. While the labeling did not have the term "hazardous" included; the tank has permanently attached identification that includes all other labeling



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

requirements. Prior to shipping for disposal, a hazardous waste label is affixed to each of the four sides of the tank. To address the finding, an additional hazardous waste label was attached to the container. Digital images received.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple

Violation Description: Haz Waste Generator Program - Release/Leaks/Spills - General  
Violation Notes: Returned to compliance on 01/30/2014. spills/leaks removed from the secondary containment area.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 01-16-2014  
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple

Violation Description: Haz Waste Generator Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 02/18/2014. Satellite accumulation container missing initial date of accumulations. The initial date of accumulation has been included on the satellite accumulation container. The 55-gallon drum containing Paint Related Waste with Xylene was disposed on 15 January 2014 under Uniform Hazardous Waste Manifest Number 012386612 JJK.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Violation Date: 06-19-2014  
Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)

Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.  
Violation Notes: Returned to compliance on 09/12/2016. OBSERVATION: The business failed to complete and/or submit chemical inventory forms for all reportable hazardous materials on site. CORRECTIVE ACTION: Complete the chemical inventory forms for all reportable hazardous materials on site and submit a copy to the CUPA.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2014  
Violations Found: No  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Eval Notes: Inspected by R.Mariano consent by Preston Wyatt Routine inspection.  
Routine Supplemental inspection to follow.

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: routine inspection conducted with Ruben Garcia. unable to conclude  
inspection to return 1/16/14

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Sandeep Som, Safety, Health & Environmental Engineering Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-15-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Sandeep Som, Safety, Health & Environmental Engineering Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-16-2014  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Inspected by R.Mariano consent by Preston Wyatt Routine Supplemental  
inspection

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-30-2014  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Inspected by R.Mariano consent by Preston Wyatt Observed HW  
determination sampling from North sump and drum wash area. Hazardous  
waste dtermination required based on the routine supplemental  
inspection conducted on 01/16/2014.

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Eval Date: 03-18-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-18-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-19-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-19-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Enforcement Action:  
Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Site Address: 2384 E 223RD ST  
Site City: CARSON  
Site Zip: 908101615  
Enf Action Date: 06-19-2014  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection  
Enf Action Notes: Not reported  
Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: CalARP  
Enf Action Source: CERS

Site ID: 38098  
Site Name: INEOS POLYPROPYLENE LLC  
Site Address: 2384 E 223RD ST  
Site City: CARSON  
Site Zip: 908101615  
Enf Action Date: 06-19-2014  
Enf Action Type: Notice of Violation (Unified Program)  
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Enf Action Notes: Not reported  
Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: HMRRP  
Enf Action Source: CERS

Coordinates:

Site ID: 38098  
Facility Name: INEOS POLYPROPYLENE LLC  
Env Int Type Code: CalARP  
Program ID: 10292143  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.823990  
Longitude: -118.231590

Affiliation:

Affiliation Type Desc: Environmental Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: STACY PUTMAN  
Entity Title: SITE MANAGER  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: 3108478545

Affiliation Type Desc: Technical Contact  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: 3108478545

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Affiliation Type Desc: Company Official  
Entity Name: Preston Wyatt  
Entity Title: Senior Engineer, Environmental  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact  
Entity Name: PRESTON S WYATT  
Entity Title: SR ENGINEER - ENVIRON.  
Affiliation Address: 2384 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: STACY PUTMAN  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 847-8520

Affiliation Type Desc: Parent Company  
Entity Name: INEOS USA LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: PRESTON WYATT  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	PRESTON WYATT
Entity Title:	Not reported
Affiliation Address:	2384 E 223RD ST
Affiliation City:	CARSON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90810
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	SANDEEP SOM
Entity Title:	HSSE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2384 E 223RD ST
Affiliation City:	CARSON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90810-1615
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	INEOS POLYPROPYLENE LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	INEOS POLYPROPYLENE LLC
Entity Title:	Not reported
Affiliation Address:	2384 E 223RD ST
Affiliation City:	CARSON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90810-1615
Affiliation Phone:	(310) 847-8500
Affiliation Type Desc:	Public Contact
Entity Name:	PRESTON WYATT
Entity Title:	Not reported
Affiliation Address:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**INEOS POLYPROPYLENE LLC (Continued)**

**S108432119**

Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**I46**  
**WNW**  
 < 1/8  
 0.118 mi.  
 621 ft.

**CITY OF CARSON - L & M FRANKLIN INV.**  
**2035 223RD**  
**CARSON, CA 90745**

**CA CPS-SLIC**

**S106387029**

**N/A**

**Site 1 of 5 in cluster I**

**Relative:**  
**Higher**

SLIC REG 4:

Region: 4  
 Facility Status: Site Assessment  
 SLIC: 0496B9  
 Substance: Not reported  
 Staff: SSH

**Actual:**  
**24 ft.**

**I47**  
**West**  
 < 1/8  
 0.119 mi.  
 630 ft.

**PRAXAIR, INC. - 578**  
**2006 E 223RD ST**  
**CARSON, CA 90810**

**CA CERS HAZ WASTE**  
**CA SWEEPS UST**  
**CA CERS TANKS**  
**CA CERS**

**S106928709**

**N/A**

**Site 2 of 5 in cluster I**

**Relative:**  
**Higher**

CERS HAZ WASTE:

Name: PRAXAIR, INC. - 578  
 Address: 2006 E 223RD ST  
 City,State,Zip: CARSON, CA 90810  
 Site ID: 399854  
 CERS ID: 10482085  
 CERS Description: Hazardous Chemical Management

**Actual:**  
**23 ft.**

Name: PRAXAIR, INC. - 578  
 Address: 2006 E 223RD ST  
 City,State,Zip: CARSON, CA 90810  
 Site ID: 399854  
 CERS ID: 10482085  
 CERS Description: Hazardous Waste Generator

**SWEEPS UST:**

Name: LIQUID CARBONIC CORP  
 Address: 2006 E 223RD ST  
 City: CARSON  
 Status: Active  
 Comp Number: 4866  
 Number: 9  
 Board Of Equalization: Not reported  
 Referral Date: 06-30-89  
 Action Date: Not reported  
 Created Date: 06-30-89  
 Owner Tank Id: Not reported  
 SWRCB Tank Id: 19-000-004866-000001  
 Tank Status: A  
 Capacity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: 4

Name: LIQUID CARBONIC CORP  
Address: 2006 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 4866  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-004866-000002  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: LIQUID CARBONIC CORP  
Address: 2006 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 4866  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-004866-000003  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: LIQUID CARBONIC CORP  
Address: 2006 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 4866  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

SWRCB Tank Id: 19-000-004866-000004  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

**CERS TANKS:**

Name: PRAXAIR, INC. - 578  
Address: 2006 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 399854  
CERS ID: 10482085  
CERS Description: Underground Storage Tank

Name: PRAXAIR, INC. - 578  
Address: 2006 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 399854  
CERS ID: 10482085  
CERS Description: Aboveground Petroleum Storage

**CERS:**

Name: PRAXAIR, INC. - 578  
Address: 2006 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 399854  
CERS ID: 10482085  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)  
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 10-10-2013  
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507  
Violation Description: Failure of business to report a release or threatened release of a hazardous material to the administering agency and CalEMA.  
Violation Notes: Returned to compliance on 12/16/2013. Facility made notifications several hours after release.  
Violation Division: Los Angeles County Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Violation Program: HMRRP  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 10-10-2013  
Citation: 19 CCR 4.5 2760.2(a) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.2(a)  
Violation Description: Failure to perform a Process Hazard Analysis that is appropriate to the complexity of the process and identifies, evaluates, and controls the hazards involved in the process.  
Violation Notes: Returned to compliance on 12/16/2013.  
Violation Division: Los Angeles County Fire Department  
Violation Program: CalARP  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286  
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 08-07-2015  
Citation: HSC 6.95 25510(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25510(a)  
Violation Description: Failure to report a release or threatened release of a hazardous material to the unified program agency and to OES.  
Violation Notes: Returned to compliance on 03/09/2016.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 10-10-2013  
Citation: 19 CCR 4.5 2760.5(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.5(d)  
Violation Description: Failure to ensure the following: 1. Inspections and tests are performed on process equipment; 2. Inspection and testing procedures follow recognized and generally accepted good engineering practices; 3. The frequency of inspections and tests of process equipment is consistent with applicable manufacturers' recommendations and good engineering practices, and more frequently if determined to be necessary by prior operating experience; 4. Each inspection or test that has been performed on process equipment is documented and includes the date of inspection or test, name of the person who performed the inspection or test, serial number or other identifier of the equipment inspected or tested, description of the inspection or test performed, and the results of the inspection or test.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Violation Notes: Returned to compliance on 12/16/2013.  
Violation Division: Los Angeles County Fire Department  
Violation Program: CalARP  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)

Violation Description: Failure to submit or update a plot plan.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-01-2017  
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)

Violation Description: Failure to submit or update a plot plan.  
Violation Notes: Returned to compliance on 05/21/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 10-10-2013  
Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)

Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.  
Violation Notes: Returned to compliance on 12/16/2013.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-04-2015  
Citation: 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638

Violation Description: Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-01-2017

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)  
Violation Description: Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).  
Violation Notes: Returned to compliance on 05/21/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-04-2015  
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)  
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-01-2017  
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)  
Violation Description: Failure to have an approved UST Monitoring Plan.  
Violation Notes: Returned to compliance on 05/21/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 01-16-2014  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.  
Violation Notes: Returned to compliance on 01/21/2014.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)  
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained.

Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to have a UST Monitoring Plan available on site.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 10-10-2013  
Citation: 19 CCR 4.5 2745.10(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2745.10(b)

Violation Description: Failure to revise, update, and submit the Risk Management Plan to the United States Environmental Protection Agency and the Administering Agency as follows: 1. At least once every five years from the date of its initial submission or most recent update required by section 2745.10(a)(2) through (7); 2. No later than three years after a newly regulated substance is first listed by the United States Environmental Protection Agency; 3. No later than the date on which a new regulated substance is first present in an already covered process above a threshold quantity; 4. No later than the date on which a regulated substance is first present above a threshold quantity in a new process; 5. Within six months of a change that requires a revised process hazard analysis or hazard review. 6. Within six months of a change that requires a revised offsite consequence analysis as provided in section 2750.7; 7. Within six months of a change that alters the program level that applied to any covered process.

Violation Notes: Returned to compliance on 12/16/2013.  
Violation Division: Los Angeles County Fire Department  
Violation Program: CalARP  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-04-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to maintain on site an approved monitoring plan.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-04-2015  
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)  
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-04-2015  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34  
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-04-2015  
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286  
Violation Description: Failure to obtain and maintain a valid Board of Equalization account number.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 01-16-2014  
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31  
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.  
Violation Notes: Returned to compliance on 01/28/2014.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-04-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to have a UST Response Plan available on site.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: HSC 6.7 25284(a)(3)(A) & (B); - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A) & (B);  
Violation Description: Failure to implement or maintain a written agreement between the UST permit holder and the operator (owner/operator agreement).  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-01-2017  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to have a UST Monitoring Plan available on site.  
Violation Notes: Returned to compliance on 05/21/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712  
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-04-2015  
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)  
Violation Description: Failure to submit an complete and accurate application for a permit to

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

operate an underground storage tank, or for renewal of the permit.  
Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-01-2017  
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286  
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.  
Violation Notes: Returned to compliance on 05/21/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 05-21-2018  
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637  
Violation Description: Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician or a licensed tank tester.  
Violation Notes: Returned to compliance on 05/25/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)  
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-01-2017  
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712  
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.  
Violation Notes: Returned to compliance on 05/21/2018.  
Violation Division: Los Angeles County Department of Public Works



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-02-2016  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34  
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Violation Date: 06-04-2015  
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)  
Violation Description: Failure to report program data electronically.  
Violation Notes: Returned to compliance on 04/06/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-16-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-16-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Consent given by Ramon Fyffe Inspected by R Doom  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-22-2016  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 02-16-2016  
Violations Found: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-15-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: DSL 409AN 208SUMPS/UDC,DW SUCTION/VENT,AV&FLAPPER,TLS 300C, APP REPLACE FLAPPER SUBMITTED WORK NOT COMPLETED YETSTILL IN TANK  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-21-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: DW SUCTION,GASBOY,AN 409,F/STP 208,UDC 208,FLAPPER&A/V ALARMS NOVC:REJECTED SCTR TESTING  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-01-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: VRTLS 300C, DIESEL SUCTION UST W/POSITIVE SHUTDOWN; AO SMITH DW PNPG VR208 SENSRS IN SUMPS/UDC; VR 409 ANNULAR SNSR. NOVC.  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-02-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: CERS CORRECTIONS, UPDATE TANK PERMIT FOR OLD TRANSFER. L3, L2, L1 Q ALARMS NOT NOTED IN PAPERWORK. NEED DOCUMENTATION.  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-04-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: FAILURE TO SUBMIT 6/19/14 CTES.26 PROBE OUT ALARMS BETWEEN 1/23/14 & 5/10/15.CERS CORRECTIONS REQUIRED.  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Eval Date: 07-22-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Douglas Shearer, Associate Director, provided consent for inspection.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-22-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Douglas Shearer, Associate Director, provided consent for the inspection.  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 07-23-2014  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 07-23-2014  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-07-2015  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Release Report. Failure of business to report a release or threatened release of a hazardous material to the administering agency and CalEMA.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-02-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Jeff Williams, SH&E Field Specialist. No significant violations observed at the time of inspection.  
Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-02-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Jeff Williams, SH&E Field Specialist. No significant violations observed at the time of inspection.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-10-2013  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-10-2013  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: RS Release  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-10-2013  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Inspected by Fariba Khaledan  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-10-2013  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Inspected by Fariba Khaledan  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Enforcement Action:  
Site ID: 399854  
Site Name: Praxair, Inc. - 578  
Site Address: 2006 E 223RD ST  
Site City: CARSON  
Site Zip: 90810  
Enf Action Date: 08-07-2015  
Enf Action Type: AEO - Unified Program  
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute  
Enf Action Notes: Fines/Penalties Assessed: \$5,000.00. For violations on August 7, 2015, of the CCR 2703.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: HMRRP  
Enf Action Source: CERS

Coordinates:  
Site ID: 399854  
Facility Name: Praxair, Inc. - 578  
Env Int Type Code: APSA  
Program ID: 10482085  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.822900  
Longitude: -118.239570

Affiliation:  
Affiliation Type Desc: Identification Signer  
Entity Name: Kellina Anderson  
Entity Title: Associate Director of Operations, SoCal  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Praxair, Inc.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (562) 983-2175

Affiliation Type Desc: UST Permit Applicant  
Entity Name: Douglas Shearer  
Entity Title: Associate Director of Ops, SoCal  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (562) 983-2175

Affiliation Type Desc: UST Tank Owner  
Entity Name: PRAXAIR  
Entity Title: Not reported  
Affiliation Address: 2006 E 223rd Street  
Affiliation City: carson  
Affiliation State: ca  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (562) 983-2175

Affiliation Type Desc: CUPA District

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Legal Owner  
Entity Name: PRAXAIR, INC  
Entity Title: Not reported  
Affiliation Address: 39 Old Ridgebury Rd  
Affiliation City: Danbury  
Affiliation State: CT  
Affiliation Country: United States  
Affiliation Zip: 06810  
Affiliation Phone: (562) 983-2175

Affiliation Type Desc: UST Tank Operator  
Entity Name: PRAXAIR  
Entity Title: Not reported  
Affiliation Address: 2006 E 223rd Street  
Affiliation City: Carson  
Affiliation State: ca  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (562) 983-2175

Affiliation Type Desc: Document Preparer  
Entity Name: jeff williams  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2006 E 223rd St  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: UST Property Owner Name  
Entity Name: Andeavor  
Entity Title: Not reported  
Affiliation Address: 2350 E 223rd Street  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**S106928709**

Affiliation Phone: (800) 377-2726  
 Affiliation Type Desc: Environmental Contact  
 Entity Name: JEFF WILLIAMS  
 Entity Title: Not reported  
 Affiliation Address: 2300 E Pacific Coast Hwy.  
 Affiliation City: Wilmington  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 90744  
 Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
 Entity Name: Praxair, Inc.  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
 Entity Name: Andeavor  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Carson  
 Affiliation State: CA  
 Affiliation Country: United States  
 Affiliation Zip: 90810  
 Affiliation Phone: (310) 816-8100

**148**  
**WNW**  
**< 1/8**  
**0.120 mi.**  
**636 ft.**

**CITY OF CARSON - ARCO**  
**2006 223RD**  
**CARSON, CA 90745**  
**Site 3 of 5 in cluster I**

**CA CPS-SLIC** **S105520898**  
**CA NPDES** **N/A**  
**CA CIWQS**  
**CA CERS**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

SLIC REG 4:  
 Region: 4  
 Facility Status: Site Assessment  
 SLIC: 0496B7  
 Substance: Not reported  
 Staff: SSH

NPDES:  
 Name: PRAXAIR INC  
 Address: 2006 EAST 223RD STREET  
 City,State,Zip: CARSON, CA 90810  
 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

WDID: 4 19I013455  
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: 10/08/1997  
Operator Name: Praxair Inc  
Operator Address: 2300 E Pacific Coast Hwy  
Operator City: Wilmington  
Operator State: California  
Operator Zip: 90744

NPDES as of 03/2018:  
NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 190539  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I013455  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 10/08/1997  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Praxair Inc  
Discharge Address: 2300 E Pacific Coast Hwy  
Discharge City: Wilmington  
Discharge State: California  
Discharge Zip: 90744  
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



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	190539
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I013455
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	10/08/1997
Status:	Active
Status Date:	10/08/1997
Place Size:	3.8
Place Size Unit:	Acres
Contact:	Kellina Anderson
Contact Title:	Associate Director Southern California Operations
Contact Phone:	562-983-2175
Contact Phone Ext:	Not reported
Contact Email:	kellina_anderson@praxair.com
Operator Name:	Praxair Inc
Operator Address:	2300 E Pacific Coast Hwy
Operator City:	Wilmington
Operator State:	California
Operator Zip:	90744
Operator Contact:	Kellina Anderson
Operator Contact Title:	Associate Director Southern California Operations
Operator Contact Phone:	562-983-2175
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	kellina_anderson@praxair.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	989-859-6966
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Dominguez Channel
Certifier:	Kellina Anderson
Certifier Title:	Associate Director Southern California Operations
Certification Date:	21-JUN-17
Primary Sic:	2813-Industrial Gases
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

Name: PRAXAIR INC  
Address: 2006 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Facility Status: Active  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 190539  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19I013455  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 10/08/1997  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 2300 E Pacific Coast Hwy  
Discharge Name: Praxair Inc  
Discharge City: Wilmington  
Discharge State: California  
Discharge Zip: 90744  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported

NPDES as of 03/2018:  
NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 190539  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I013455  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 10/08/1997  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Praxair Inc  
Discharge Address: 2300 E Pacific Coast Hwy  
Discharge City: Wilmington  
Discharge State: California  
Discharge Zip: 90744  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	190539
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

WDID: 4 19I013455  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 05/09/2008  
Processed Date: 10/08/1997  
Status: Active  
Status Date: 10/08/1997  
Place Size: 3.8  
Place Size Unit: Acres  
Contact: Kellina Anderson  
Contact Title: Associate Director Southern California Operations  
Contact Phone: 562-983-2175  
Contact Phone Ext: Not reported  
Contact Email: kellina\_anderson@praxair.com  
Operator Name: Praxair Inc  
Operator Address: 2300 E Pacific Coast Hwy  
Operator City: Wilmington  
Operator State: California  
Operator Zip: 90744  
Operator Contact: Kellina Anderson  
Operator Contact Title: Associate Director Southern California Operations  
Operator Contact Phone: 562-983-2175  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: kellina\_anderson@praxair.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 989-859-6966  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Dominguez Channel  
Certifier: Kellina Anderson  
Certifier Title: Associate Director Southern California Operations  
Certification Date: 21-JUN-17  
Primary Sic: 2813-Industrial Gases  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

**CIWQS:**

Name: PRAXAIR INC  
Address: 2006 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Agency: Praxair Inc  
Agency Address: 2300 E Pacific Coast Hwy, Wilmington, CA 90744  
Place/Project Type: Industrial - Industrial Gases  
SIC/NAICS: 2813  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I013455  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 10/08/1997  
Termination Date: Not reported  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 1  
Violations within 5 years: 1  
Latitude: 33.82428  
Longitude: -118.24002

**CERS:**

Name: PRAXAIR INC  
Address: 2006 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810-1609  
Site ID: 487874  
CERS ID: 110000522015  
CERS Description: US EPA Air Emission Inventory System (EIS)

**Affiliation:**

Affiliation Type Desc: Environmental Contact  
Entity Name: LAURA CREMER  
Entity Title: ENVIRONMENTAL CONTACT  
Affiliation Address: 2430 CAMINO RAMON SUITE 310  
Affiliation City: SANRAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: RAMON FYFE  
Entity Title: PLANT SUPERINTENDENT  
Affiliation Address: 2600 CAMINO RAMON ROOM 3E000  
Affiliation City: SANRAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner  
Entity Name: PRAXAIR IN C  
Entity Title: OWNER  
Affiliation Address: 39 OLD RIDGEBURY RD  
Affiliation City: DANBURY  
Affiliation State: CT  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: DON MEDLING  
Entity Title: OPERATOR  
Affiliation Address: 2006 E 223RD ST  
Affiliation City: LONGBEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: UST PO Name  
Entity Name: PRAXAIRNA  
Entity Title: Not reported  
Affiliation Address: 39 OLD RIDGEBURY RD  
Affiliation City: DANBURY  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: DOUGLAS SHEARER  
Entity Title: ASSOC. DIR., OPERATIONS  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: STUART LEHMANN  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact  
Entity Name: DON MEDLING  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact  
Entity Name: Douglas Shearer  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: DON MEDLING  
Entity Title: PLANT MANAGER  
Affiliation Address: 39 OLD RIDGEBURY RD  
Affiliation City: DANBURY  
Affiliation State: CT  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: PRAXAIR INC  
Address: 2006 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Site ID: 539852  
CERS ID: 249058  
CERS Description: Industrial Facility Storm Water

Violations:

Site ID: 539852  
Site Name: Praxair Inc  
Violation Date: 07-02-1999  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient Report  
Violation Notes: Non-submittal of Annual Report. Due 7//1/1999  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 539852  
Site Name: Praxair Inc  
Violation Date: 12-17-2008  
Citation: 2014-0057-DWQ - Industrial General Permit



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

Violation Description: SW - Deficient BMP Implementation  
Violation Notes: 1.55 & 12.76 mg/L of N were detected at "Front Gate" on 12/17/08 & 3/4/09, respectively.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 539852  
Site Name: Praxair Inc  
Violation Date: 11-06-2018  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: BMP Findings: 1. Staff observed white molecular particles outdoors on the pavement and near the onsite storm drain inlet. 2. Staff observed oil and fuel spill/leaks at truck fueling area without appropriate BMPs.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-24-2004  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: pollution prevention team identified, however, Donald McMakin was listed as pp team master, he no longer works there site map incomplete - direction of storm water flow was not shown on the site map. Direction of storm water flow should be shown for the e  
Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-06-2018  
Violations Found: Yes  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: A full compliance inspection was conducted on-site by Regional Board Staff. The facility had minor findings at the time of the inspection (see attached inspection report). The LRP emailed photos of the completed corrective items to Staff.  
Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Enforcement Action:  
Site ID: 539852  
Site Name: Praxair Inc  
Site Address: 2006 EAST 223RD STREET  
Site City: CARSON  
Site Zip: 90810  
Enf Action Date: 06-17-2010  
Enf Action Type: Staff Enforcement Letter  
Enf Action Description: Staff Enforcement Letter  
Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that the permittee will develop and implement the BMPs to reduce or prevent

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY OF CARSON - ARCO (Continued)**

**S105520898**

pollutants in SW discharges. Letter also required permittee to submit evidence of implemented additional BMPs and SWPPP amendments if the permittee is already implementing the BMPs.

Enf Action Division: Water Boards  
 Enf Action Program: INDSTW  
 Enf Action Source: SMARTS

Site ID: 539852  
 Site Name: Praxair Inc  
 Site Address: 2006 EAST 223RD STREET  
 Site City: CARSON  
 Site Zip: 90810  
 Enf Action Date: 11-06-2018  
 Enf Action Type: Industrial Storm Water Enforcement  
 Enf Action Description: Industrial Storm Water Enforcement  
 Enf Action Notes: BMP Findings: 1. Staff observed white molecular particles outdoors on the pavement and near the onsite storm drain inlet. 2. Staff observed oil and fuel spill/leaks at truck fueling area without appropriate BMPs.

Enf Action Division: Water Boards  
 Enf Action Program: INDSTW  
 Enf Action Source: SMARTS

Affiliation:  
 Affiliation Type Desc: Owner/Operator  
 Entity Name: Praxair Inc  
 Entity Title: Operator  
 Affiliation Address: 2300 E Pacific Coast Hwy  
 Affiliation City: Wilmington  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 90744  
 Affiliation Phone: Not reported

**J49**  
**West**  
**< 1/8**  
**0.123 mi.**  
**651 ft.**

**PRAXAIR, INC. - 578**  
**2006 E 223RD ST**  
**LONG BEACH, CA 90810**  
**Site 1 of 2 in cluster J**

**CA AST A100423549**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

AST:  
 Name: PRAXAIR, INC. - 578  
 Address: 2006 E 223RD ST  
 City/Zip: LONG BEACH,90810  
 Certified Unified Program Agencies: Not reported  
 Owner: Praxair, Inc  
 Total Gallons: Not reported  
 CERSID: 10482085  
 Facility ID: LACoFA0001227  
 Business Name: Praxair, Inc.  
 Phone: 562-983-2175  
 Fax: Not reported  
 Mailing Address: 2006 E 223rd St  
 Mailing Address City: Carson  
 Mailing Address State: CA  
 Mailing Address Zip Code: 90810

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PRAXAIR, INC. - 578 (Continued)**

**A100423549**

Operator Name: Praxair, Inc.  
 Operator Phone: 562-983-2175  
 Owner Phone: 562-983-2175  
 Owner Mail Address: 2006 E 223rd St  
 Owner State: CA  
 Owner Zip Code: 90810  
 Owner Country: United States  
 Property Owner Name: Not reported  
 Property Owner Phone: Not reported  
 Property Owner Mailing Address: Not reported  
 Property Owner City: Not reported  
 Property Owner Stat : Not reported  
 Property Owner Zip Code: Not reported  
 Property Owner Country: Not reported  
 EPAID: CAL000163784

**J50**  
**West**  
**< 1/8**  
**0.123 mi.**  
**652 ft.**

**LIQUID CARBONIC**  
**2006 E 223RD ST**  
**LONG BEACH, CA 90810**

**CA CERS HAZ WASTE**  
**CA HIST UST**  
**CA CERS**

**U001566279**  
**N/A**

**Site 2 of 2 in cluster J**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

**CERS HAZ WASTE:**  
 Name: PRAXAIR DISTRIBUTION INC  
 Address: 2006 E 223RD ST # A  
 City,State,Zip: LONG BEACH, CA 90810  
 Site ID: 58427  
 CERS ID: 10116832  
 CERS Description: Hazardous Waste Generator

**HIST UST:**  
 Name: LIQUID CARBONIC  
 Address: 2006 E 223RD ST  
 City,State,Zip: LONG BEACH, CA 908101  
 File Number: Not reported  
 URL: Not reported  
 Region: STATE  
 Facility ID: 00000006575  
 Facility Type: Gas Station  
 Other Type: Not reported  
 Contact Name: ROGER FRANCIS  
 Telephone: 2137758831  
 Owner Name: LIQUID CARBONIC  
 Owner Address: 2006 E. 223 RD.  
 Owner City,St,Zip: LONG BEACH, CA 90810  
 Total Tanks: 0002

Tank Num: 001  
 Container Num: 1  
 Year Installed: Not reported  
 Tank Capacity: 00010000  
 Tank Used for: PRODUCT  
 Type of Fuel: DIESEL  
 Container Construction Thickness: Not reported  
 Leak Detection: Visual, Stock Inventor

Tank Num: 002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIQUID CARBONIC (Continued)**

**U001566279**

Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

**CERS:**

Name: PRAXAIR DISTRIBUTION INC  
Address: 2006 E 223RD ST # A  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 58427  
CERS ID: 10116832  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 09-14-2017  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
Violation Description: Business Plan Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 09/22/2017. OBSERVATION: Observed six empty 55 gallon drums that previously stored sodium hydroxide corrosion inhibitor that were not properly labeled as empty along with the date emptied. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value ? or managed on site in such a manner ? within one year of being emptied. 22CCR 11 66261.7  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 09-14-2017  
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)  
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.  
Violation Notes: Returned to compliance on 09/22/2017. OBSERVATION: The business failed to update business plan within 30 days when one of the following occurs: a 100 percent or more increase in the quantity of a previously disclosed material; any handling of a previously undisclosed hazardous material; a change of business address, business ownership, or business name; or a substantial change in the handler's operations that requires modification to any portion of the business plan. Observed not reported in the CERS inventory: - 110 gallons sodium hydroxide - 110 gallons of diesel exhaust fluid Observed facility informaiton for emergency contact with inaccurate information

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LIQUID CARBONIC (Continued)

U001566279

including the primary and secondary emergency contact information.  
CORRECTIVE ACTION: Update all submittal elements effected by the change(s) and electronically submit the update within 30 days.  
Los Angeles County Fire Department

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 01-16-2014  
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130

Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.

Violation Notes: Returned to compliance on 01/30/2014.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 01-16-2014  
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to properly close hazardous waste containers when not in active use.

Violation Notes: Returned to compliance on 01/30/2014.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 01-16-2014  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Administration/Documentation - General  
Violation Notes: Returned to compliance on 01/30/2014. HSC 25508 Observed chemical inventory not reported electronically in CERS. Observed inaccurate site map in CERS. Submit information/documents in CERS as required.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 01-16-2014  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 01/30/2014.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIQUID CARBONIC (Continued)**

**U001566279**

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 11-14-2014  
Citation: 19 CCR 4.5 2760.3(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.3(d)  
Violation Description: Failure to develop and implement safe work practices to provide for the control of hazards during operations such as logout/tagout; confined space entry; opening process equipment or piping; and control over entrance into the stationary source by maintenance, contractor, laboratory, or other support personnel.  
Violation Notes: Returned to compliance on 01/08/2016.  
Violation Division: Los Angeles County Fire Department  
Violation Program: CalARP  
Violation Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 09-14-2017  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)  
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.  
Violation Notes: Returned to compliance on 09/22/2017. OBSERVATION: Uniform Hazardous Waste Manifests for the used oil and cooling tower discharge fluid were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for the used oil and cooling tower discharge fluid and submit copies to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 09-14-2017  
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31  
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.  
Violation Notes: Returned to compliance on 09/22/2017. OBSERVATION: Oily water was observed spilling from the secondary containment device inside the building near the 2 large palletizer machines. CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating the spill has been properly removed and managed.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Violation Date: 11-14-2014  
Citation: 19 CCR 4.5 2760.3(c) - California Code of Regulations, Title 19,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIQUID CARBONIC (Continued)**

**U001566279**

Violation Description: Chapter 4.5, Section(s) 2760.3(c)  
Failure to review operating procedures as often as necessary to assure that they reflect current operating practice, including changes that result from changes in process chemicals, technology, and equipment, and changes to stationary sources.

Violation Notes: Returned to compliance on 01/08/2016.

Violation Division: Los Angeles County Fire Department

Violation Program: CalARP

Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Eval Date: 01-16-2014

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Not reported

Eval Division: Los Angeles County Fire Department

Eval Program: HMRRP

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Eval Date: 01-16-2014

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Not reported

Eval Division: Los Angeles County Fire Department

Eval Program: HW

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Eval Date: 01-16-2014

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Consent given by James Ayoub Inspected by R Doom

Eval Division: Los Angeles County Fire Department

Eval Program: HMRRP

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Eval Date: 01-16-2014

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: Consent given by James Ayoub Inspected by R Doom

Eval Division: Los Angeles County Fire Department

Eval Program: HW

Eval Source: CERS

Eval General Type: Other/Unknown

Eval Date: 01-21-2014

Violations Found: No

Eval Type: Other, not routine, done by local agency

Eval Notes: Inspected by R. Doom Consent given by James A. Complaint investigation: No Violation

Eval Division: Los Angeles County Fire Department

Eval Program: HMRRP

Eval Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIQUID CARBONIC (Continued)**

**U001566279**

Eval General Type:	Other/Unknown
Eval Date:	01-21-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspected by R. Doom Consent given by James A. Complaint investigation: No Violation
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-14-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Albert Castro, Production Supervisor.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-14-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Albert Castro, Production Supervisor.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-14-2014
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Mechanical integrity inspection and testing. Failure to properly inspect and test piping systems and ancillary components.
Eval Division:	Los Angeles County Fire Department
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-14-2014
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Operating Procedure Review. Failure to review operating procedures as often as necessary to assure that they reflect current operating practice, including changes that result from changes in process chemicals, technology, and equipment, and changes to stationary sources. Failure to implement site specific Operating Procedure that resulted in the release of the ammonia.
Eval Division:	Los Angeles County Fire Department
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed documented and photographic proof of compliance. NOV abated.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIQUID CARBONIC (Continued)**

**U001566279**

Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 12-07-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed documented and photographic proof of compliance. NOV abated.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Enforcement Action:

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Site Address: 2006 E 223RD ST # A  
Site City: LONG BEACH  
Site Zip: 90810  
Enf Action Date: 08-07-2015  
Enf Action Type: AEO - Unified Program  
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute  
Enf Action Notes: Fines/Penalties Assessed: \$5,000.00. For violations on August 07, 2015, of the CCR 2703.  
Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: UNSPEC  
Enf Action Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Site Address: 2006 E 223RD ST # A  
Site City: LONG BEACH  
Site Zip: 90810  
Enf Action Date: 10-10-2013  
Enf Action Type: AEO - Unified Program  
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute  
Enf Action Notes: Fines/Penalties Assessed: \$6,300.00. For violations on October 10, 2013, of the CCR 2703(a) and CCR 2745.10.  
Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: UNSPEC  
Enf Action Source: CERS

Site ID: 58427  
Site Name: Praxair Distribution Inc  
Site Address: 2006 E 223RD ST # A  
Site City: LONG BEACH  
Site Zip: 90810  
Enf Action Date: 11-14-2014  
Enf Action Type: AEO - Unified Program  
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute  
Enf Action Notes: Fines/Penalties Assessed: \$6,900.00. For violations on November 14, 2014, of the CCR 2760.3(a) and CCR 2760.5(d).  
Enf Action Division: Los Angeles County Fire Department  
Enf Action Program: CalARP  
Enf Action Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIQUID CARBONIC (Continued)**

**U001566279**

Affiliation:

Affiliation Type Desc: Document Preparer  
Entity Name: Cesar Bonilla  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: HECTOR AGUILAR  
Entity Title: Not reported  
Affiliation Address: 1545 E. Edinger Ave.  
Affiliation City: Santa Ana  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92705  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2006 E 223RD ST, Bld #1  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Praxair Inc  
Entity Title: Not reported  
Affiliation Address: 39 OLD RIDGEBURY ROAD  
Affiliation City: DANBURY  
Affiliation State: CT  
Affiliation Country: United States  
Affiliation Zip: 06810  
Affiliation Phone: (203) 837-2000

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Identification Signer  
Entity Name: Cesar E Bonilla  
Entity Title: Plant Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LIQUID CARBONIC (Continued)**

**U001566279**

Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
 Entity Name: Cesar Bonilla  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: (310) 816-9387

Affiliation Type Desc: Parent Corporation  
 Entity Name: Praxair Distribution, Inc.  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**K51  
 NNE  
 1/8-1/4  
 0.130 mi.  
 684 ft.**

**CORMIER CHEVROLET  
 2201 E 223RD ST  
 LONG BEACH, CA 90810**  
 Site 1 of 7 in cluster K

**CA UST U004050574  
 N/A**

**Relative:  
 Higher  
 Actual:  
 32 ft.**

UST:  
 Name: CORMIER CHEVROLET  
 Address: 2201 E 223RD ST  
 City,State,Zip: LONG BEACH, CA 90810  
 Facility ID: 6073  
 Permitting Agency: LONG BEACH, CITY OF  
 Latitude: 33.8260279  
 Longitude: -118.2343152

**I52  
 WNW  
 1/8-1/4  
 0.138 mi.  
 728 ft.**

**CERTIFIED COATING AT ARCO  
 2000 E 223RD ST GATE 16  
 CARSON, CA 90745**  
 Site 4 of 5 in cluster I

**RCRA-SQG 1000411638  
 FINDS CAD982512584  
 ECHO**

**Relative:  
 Higher  
 Actual:  
 24 ft.**

RCRA-SQG:  
 Date form received by agency: 05/23/1988  
 Facility name: CERTIFIED COATING AT ARCO  
 Facility address: 2000 E 223RD ST GATE 16  
 CARSON, CA 90745  
 EPA ID: CAD982512584  
 Mailing address: 1045 DETROIT AVE  
 CONCORD, CA 94518  
 Contact: ENVIRONMENTAL MANAGER  
 Contact address: 2000 E 223RD ST GATE 16

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CERTIFIED COATING AT ARCO (Continued)**

**1000411638**

CARSON, CA 90745  
Contact country: US  
Contact telephone: 415-686-1550  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CERTIFIED COATING AT ARCO (Continued)**

**1000411638**

Violation Status: No violations found

**FINDS:**

Registry ID: 110002838145

**Environmental Interest/Information System**

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

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

**ECHO:**

Envid: 1000411638  
Registry ID: 110002838145  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002838145>

**I53  
WNW  
1/8-1/4  
0.150 mi.  
792 ft.**

**LIQUID CARBONIC  
2006 E 223  
LONG BEACH, CA 90810**

**CA SWEEPS UST  
CA HIST UST  
CA FID UST**

**1000477232  
N/A**

**Site 5 of 5 in cluster I**

**Relative:  
Higher  
Actual:  
24 ft.**

**SWEEPS UST:**  
Name: LIQUID CARBONIC  
Address: 2006 E 223RD  
City: LONG BEACH  
Status: Active  
Comp Number: 6575  
Number: 9  
Board Of Equalization: 44-011397  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 1  
SWRCB Tank Id: 19-060-006575-000001  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 4

Name: LIQUID CARBONIC  
Address: 2006 E 223RD  
City: LONG BEACH  
Status: Active  
Comp Number: 6575  
Number: 9  
Board Of Equalization: 44-011397  
Referral Date: 07-01-85

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIQUID CARBONIC (Continued)**

**1000477232**

Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 1  
SWRCB Tank Id: 19-060-006575-000002  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Name: LIQUID CARBONIC  
Address: 2006 E 223RD  
City: LONG BEACH  
Status: Active  
Comp Number: 6575  
Number: 9  
Board Of Equalization: 44-011397  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 2  
SWRCB Tank Id: 19-060-006575-000003  
Tank Status: A  
Capacity: 2000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Name: LIQUID CARBONIC  
Address: 2006 E 223RD  
City: LONG BEACH  
Status: Active  
Comp Number: 6575  
Number: 9  
Board Of Equalization: 44-011397  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 2  
SWRCB Tank Id: 19-060-006575-000004  
Tank Status: A  
Capacity: 2000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**HIST UST:**

Name: LIQUID CARBONIC CORP  
Address: 2006 E 223RD  
City,State,Zip: LONG BEACH, CA 90810  
File Number: 000275C9

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIQUID CARBONIC (Continued)**

**1000477232**

URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000275C9.pdf>  
Region: STATE  
Facility ID: 00000004977  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: ROGER FRANCIS  
Telephone: 2137758831  
Owner Name: LIQUID CARBONIC CORP.  
Owner Address: 2006 E. 223RD  
Owner City,St,Zip: LONG BEACH, CA 90810  
Total Tanks: 0003

Tank Num: 001  
Container Num: 2  
Year Installed: 1982  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 001  
Container Num: 2  
Year Installed: 1982  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1982  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1982  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00000385  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LIQUID CARBONIC (Continued)**

**1000477232**

Tank Num: 003  
 Container Num: 3  
 Year Installed: Not reported  
 Tank Capacity: 00000385  
 Tank Used for: WASTE  
 Type of Fuel: WASTE OIL  
 Container Construction Thickness: Not reported  
 Leak Detection: Visual

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 19053496  
 Regulated By: UTNKA  
 Regulated ID: 00006575  
 Cortese Code: Not reported  
 SIC Code: Not reported  
 Facility Phone: 8180000000  
 Mail To: Not reported  
 Mailing Address: 2006 E 223RD ST  
 Mailing Address 2: Not reported  
 Mailing City,St,Zip: CARSON  
 Contact: Not reported  
 Contact Phone: Not reported  
 DUNs Number: Not reported  
 NPDES Number: Not reported  
 EPA ID: Not reported  
 Comments: Not reported  
 Status: Active

**H54**  
**ENE**  
**1/8-1/4**  
**0.157 mi.**  
**828 ft.**

**MANVILLE PLANT SITE**  
**2400 E. 223RD STREET**  
**CARSON ,CA, CA 90810**  
**Site 4 of 4 in cluster H**

**CA WMUDS/SWAT S104156409**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**26 ft.**

WMUDS/SWAT:  
 Edit Date: Not reported  
 Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.  
 Primary Waste: SLDWST  
 Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Base Meridian: Not reported  
 NPID: Not reported  
 Tonnage: 0  
 Regional Board ID: Not reported  
 Municipal Solid Waste: False  
 Superorder: False  
 Open To Public: False



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MANVILLE PLANT SITE (Continued)**

**S104156409**

Waste List:	False
Agency Type:	Private
Agency Name:	01 MANVILLE SALES CORP.
Agency Department:	Not reported
Agency Address:	P.O.BOX 5108
Agency City,St,Zip:	DENVER ,CO 80217
Agency Contact:	HUMAN RESOURCES
Agency Telephone:	3039782330
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	Not reported
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Description:	Not reported
Facility Telephone:	2135495330
SWAT Facility Name:	Not reported
Primary SIC:	4953
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Sub Chapter 15:	True
Regional Board Project Officer:	RHN
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	No
Waste Discharge Requirements:	H
Self-Monitoring Rept. Frequency:	Quarterly Submittal
Waste Discharge System ID:	4B192061002
Solid Waste Information ID:	Not reported

**K55**  
**NNE**  
**1/8-1/4**  
**0.165 mi.**  
**873 ft.**

**EDOCO**  
**22039 WESTWARD**  
**LONG BEACH, CA 90810**

**CA HIST CORTESE**    **S105024544**  
**N/A**

**Site 2 of 7 in cluster K**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

HIST CORTESE:	
edr_fname:	EDOCO
edr_fadd1:	22039 WESTWARD
City,State,Zip:	LONG BEACH, CA 90810
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-25853

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K56**  
**NNE**  
**1/8-1/4**  
**0.165 mi.**  
**873 ft.**

**EDOCO TECHNICAL PRODUCTS**  
**22039 S WESTWARD AVE**  
**LONG BEACH, CA 90810**

**CA SWEEPS UST**  
**CA HIST UST**

**U001566226**  
**N/A**

**Site 3 of 7 in cluster K**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**SWEEPS UST:**  
Name: EDOCO TECHNICAL PRODUCTS  
Address: 22039 S WESTWARD AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 487  
Number: 9  
Board Of Equalization: 44-013274  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: T24  
SWRCB Tank Id: 19-060-000487-000001  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: 3

Name: EDOCO TECHNICAL PRODUCTS  
Address: 22039 S WESTWARD AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 487  
Number: 9  
Board Of Equalization: 44-013274  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: T25  
SWRCB Tank Id: 19-060-000487-000002  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: Not reported

Name: EDOCO TECHNICAL PRODUCTS  
Address: 22039 S WESTWARD AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 487  
Number: 9  
Board Of Equalization: 44-013274  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: T28  
SWRCB Tank Id: 19-060-000487-000003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO TECHNICAL PRODUCTS (Continued)**

**U001566226**

Tank Status: A  
Capacity: 9000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**HIST UST:**

Name: EDOCO TECHNICAL PRODUCTS  
Address: 22039 S WESTWARD AVE  
City,State,Zip: LONG BEACH, CA 90810  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000000487  
Facility Type: Other  
Other Type: MANUFACTURER  
Contact Name: JAMES CRAWFORD  
Telephone: 2138343401  
Owner Name: EDOCO DIVISION, THE BURKE COMP  
Owner Address: 22039 SO. WESTWARD AVE.  
Owner City,St,Zip: LONG BEACH, CA 90810  
Total Tanks: 0003

Tank Num: 001  
Container Num: T24  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: T25  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: T28  
Year Installed: Not reported  
Tank Capacity: 00009000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: .250  
Leak Detection: Stock Inventor

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K57**  
**NNE**  
**1/8-1/4**  
**0.165 mi.**  
**873 ft.**

**EDOCO TECHNICAL PRODUCTS**  
**22039 SO WESTWARD AVE**  
**LONG BEACH, CA 90810**

**Site 4 of 7 in cluster K**

**CA HIST UST**  
**CA EMI**  
**LA Co. Site Mitigation**  
**CA CERS**

**1000268192**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

HIST UST:

Name: EDOCO DIVISION THE BURKE COMP  
Address: 22039 SO WESTWARD AVE  
City,State,Zip: LONG BEACH, CA 90810  
File Number: 000263D1  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000263D1.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported

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

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

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

EMI:

Name: EDOCO TECH PROD., DIV THE BURK  
Address: 22039 S WESTWARD AV  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 18591  
Air District Name: SC  
SIC Code: 2992  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO TECHNICAL PRODUCTS (Continued)**

**1000268192**

NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: BURKE CHEMICALS  
Address: 22039 S WESTWARD AV  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 18591  
Air District Name: SC  
SIC Code: 2899  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

LA Co. Site Mitigation:

Name: DAYTON SUPERIOR/EDOCO CHEMICALS  
Address: 22039 S WESTWARD AVE  
City,State,Zip: CARSON, CA 90810  
Facility ID: Not reported  
Status: Not reported  
Site ID: SD0000204  
Jurisdiction: Not reported  
Case ID: RO0000209  
Abated: Yes  
Assigned To: Kim Clark  
Entered Date: Not reported  
Abated Date: 02/21/2007

CERS:

Name: DAYTON SUPERIOR SPECIALTY CHEMICAL CORP EDOCO  
Address: 22039 SOUTH WESTWARD AVE  
City,State,Zip: LONG BEACH, CA 90810-1630  
Site ID: 465978  
CERS ID: 110010059765  
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc: Environmental Contact  
Entity Name: DAVE W WEBSTER  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO TECHNICAL PRODUCTS (Continued)**

**1000268192**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG LOS ANGELES RWQCB REGN 4TH  
Entity Title: Not reported  
Affiliation Address: 320 W 4TH ST NA SUITE 200  
Affiliation City: LOSANGELES  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO LOS ANGELES CNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact  
Entity Name: DAVE WEBSTER  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**K58 EDOCO DIVISION, THE BURKE COMP**  
**NNE 22039 S WESTWARD AVE**  
**1/8-1/4 LONG BEACH, CA 90810**  
**0.165 mi.**  
**873 ft. Site 5 of 7 in cluster K**

**CA HIST UST U001566225**  
**N/A**

**Relative:** HIST UST:  
**Higher** Name: EDOCO DIVISION, THE BURKE COMP  
Address: 22039 S WESTWARD AVE  
**Actual:** City,State,Zip: LONG BEACH, CA 90810  
**27 ft.** File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000050961  
Facility Type: Other  
Other Type: MANUFACTURER  
Contact Name: JAMES CRAWFORD  
Telephone: 2138343401  
Owner Name: EDOCO DIVISION, THE BURKE COMP  
Owner Address: 22039 SO. WESTWARD AVE.  
Owner City,St,Zip: LONG BEACH, CA 90810  
Total Tanks: 0004  
  
Tank Num: 001  
Container Num: I-3  
Year Installed: Not reported  
Tank Capacity: 00008000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO DIVISION, THE BURKE COMP (Continued)**

**U001566225**

Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: I-4  
Year Installed: 1984  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 003  
Container Num: I-1  
Year Installed: 1980  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 004  
Container Num: I-2  
Year Installed: 1980  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

**K59**  
**NNE**  
**1/8-1/4**  
**0.165 mi.**  
**873 ft.**

**EDOCO DIVISION THE BURKE CO**  
**22039 WESTWARD AVE**  
**LONG BEACH, CA 90810**

**CA FID UST S106027517**  
**N/A**

**Site 6 of 7 in cluster K**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

CA FID UST:  
Facility ID: 19030102  
Regulated By: UTNKA  
Regulated ID: 00050961  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 8180000000  
Mail To: Not reported  
Mailing Address: 22039 S WESTWARD AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CARSON  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active  
  
Facility ID: 19030102

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO DIVISION THE BURKE CO (Continued)**

**S106027517**

Regulated By: UTNKA  
Regulated ID: 00000487  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2138343401  
Mail To: Not reported  
Mailing Address: 22039 S WESTWARD AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LONG BEACH 90810  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**K60**  
**NNE**  
**1/8-1/4**  
**0.165 mi.**  
**873 ft.**

**EDOCO**  
**22039 S. WESTWARD AVE.**  
**LONG BEACH, CA 90810**  
  
**Site 7 of 7 in cluster K**

**RCRA-SQG 1001075492**  
**CA LUST CAD091432153**  
**CA SWEEPS UST**  
**CA LOS ANGELES CO. HMS**  
**CA WDS**  
**CA CERS**

**Relative:**  
**Higher**  
  
**Actual:**  
**27 ft.**

RCRA-SQG:  
Date form received by agency: 06/28/2006  
Facility name: EDOCO  
Facility address: 22039 S. WESTWARD AVE.  
LONG BEACH, CA 90810  
EPA ID: CAD091432153  
Mailing address: 500 W 17TH ST  
LONG BEACH, CA 90813  
Contact: DAVE W WEBSTER  
Contact address: 500 W 17TH ST  
LONG BEACH, CA 90813  
Contact country: US  
Contact telephone: 562-983-7066  
Telephone ext.: 208  
Contact email: DAVIDWEBSTER@DAYTONSUPERIOR.COM  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:  
U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO (Continued)**

**1001075492**

Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/16/2002  
Site name: EDOCO  
Classification: Small Quantity Generator

Date form received by agency: 01/16/2002  
Site name: EDOCO  
Classification: Large Quantity Generator

Date form received by agency: 10/24/2000  
Site name: EDOCO  
Classification: Small Quantity Generator

Date form received by agency: 02/20/1997  
Site name: EDOCO  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: EDOCO  
Classification: Large Quantity Generator

Date form received by agency: 02/09/1996  
Site name: EDOCO  
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994  
Site name: EDOCO  
Classification: Large Quantity Generator

Date form received by agency: 05/11/1992  
Site name: BURKE M & E  
Classification: Large Quantity Generator

Hazardous Waste Summary:

- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics
  
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
  
- . Waste code: 221
- . Waste name: Waste oil and mixed oil
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
  
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

EDOCO (Continued)

1001075492

- . Waste code: 551
- . Waste name: Laboratory waste chemicals
  
- . Waste code: 741
- . Waste name: Liquids with halogenated organic compounds > 1000 mg/l
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-25853  
Status: Leak being confirmed  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO (Continued)**

**1001075492**

Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603705528  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: WILMINGTON AVE/220TH  
Enforcement Type: Not reported  
Date Leak Discovered: 6/11/1928  
Date Leak First Reported: 6/12/1986  
Date Leak Record Entered: 12/31/1986  
Date Confirmation Began: 6/12/1986  
Date Leak Stopped: 6/12/1986  
Date Case Last Changed on Database: 8/18/1987  
Date the Case was Closed: Not reported  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: Tank  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 331.03379985772096278998438923  
Source of Cleanup Funding: Tank  
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: WEBSTER, MR.  
RP Address: 22039 WESTWARD AVENUE, CARSON, CA 90810  
Program: LUST  
Lat/Long: 33.8272382 / -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 #000204

**SWEEPS UST:**

Name: EDOCO DIVISION THE BURKE  
Address: 22039 WESTWARD AVE  
City: CARSON  
Status: Active  
Comp Number: 5282

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO (Continued)**

**1001075492**

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

**LOS ANGELES CO. HMS:**

Name: EDOCO DIVISION OF MMI PRODUCTS  
Address: 22039 S WESTWARD AVE  
City,State,Zip: CARSON, CA 908101630  
Region: LA  
Permit Category: Not reported  
Facility Id: 005090-025853  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

**WDS:**

Name: EDOCO  
Address: 22039 S Westward Ave  
City: CARSON  
Facility ID: Los Angeles River 192034001  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CA0002941 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 3108343401  
Facility Contact: Dave Webster  
Agency Name: DAYTON SUPERIOR SPECIALTY CHEM  
Agency Address: Not reported  
Agency City,St,Zip: 0  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Agency Type: Private  
SIC Code: 2869  
SIC Code 2: Not reported  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO (Continued)**

**1001075492**

Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Primary Waste: STORMS  
Waste Type2: D  
Waste2: Stormwater Runoff  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Cooling Water: Noncontact  
Secondary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Design Flow: 0  
Baseline Flow: 0  
Reclamation: No reclamation requirements associated with this facility.  
POTW: The facility is not a POTW.  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**CERS:**

Name: EDOCO  
Address: 22039 WESTWARD AVE  
City,State,Zip: CARSON, CA 90810  
Site ID: 214844  
CERS ID: T0603705528  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDOCO (Continued)**

1001075492

Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**L61**  
**ENE**  
**1/8-1/4**  
**0.183 mi.**  
**964 ft.**  
**VENTURA TRANSFER COMPANY**  
**2418 223RD ST. E.**  
**LONG BEACH, CA 90810**  
**Site 1 of 10 in cluster L**

**CA LUST** **S107863292**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**27 ft.**

**LUST:**  
Name: VENTURA TRANSFER COMPANY  
Address: 2418 223RD ST. E.  
City,State,Zip: LONG BEACH, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603721950](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603721950)  
Global Id: T0603721950  
Latitude: 33.824431  
Longitude: -118.230701  
Status: Completed - Case Closed  
Status Date: 03/16/2010  
Case Worker: JW  
RB Case Number: R-01588  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board  
Local Case Number: L#477372  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

**LUST:**  
Global Id: T0603721950  
Contact Type: Local Agency Caseworker  
Contact Name: IHEANACHO OFO  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S FREMONT AVE  
City: ALHAMBRA  
Email: [iofo@dpw.lacounty.gov](mailto:iofo@dpw.lacounty.gov)  
Phone Number: 6264583512

Global Id: T0603721950  
Contact Type: Regional Board Caseworker  
Contact Name: JIMMIE WOO  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: [jwoo@waterboards.ca.gov](mailto:jwoo@waterboards.ca.gov)  
Phone Number: 2135766600

**LUST:**  
Global Id: T0603721950  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Soil and Water Investigation Report

Global Id: T0603721950  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S107863292**

Date: 04/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603721950  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Interim Remedial Action Plan

Global Id: T0603721950  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603721950  
Action Type: RESPONSE  
Date: 10/15/2009  
Action: Other Report / Document

Global Id: T0603721950  
Action Type: ENFORCEMENT  
Date: 10/23/2009  
Action: Staff Letter

Global Id: T0603721950  
Action Type: ENFORCEMENT  
Date: 02/26/2010  
Action: Notification - Preclosure

Global Id: T0603721950  
Action Type: ENFORCEMENT  
Date: 03/16/2010  
Action: Closure/No Further Action Letter

Global Id: T0603721950  
Action Type: Other  
Date: 11/24/1998  
Action: Leak Discovery

Global Id: T0603721950  
Action Type: RESPONSE  
Date: 03/28/2008  
Action: Other Report / Document

Global Id: T0603721950  
Action Type: REMEDIATION  
Date: 07/03/2006  
Action: Not reported

Global Id: T0603721950  
Action Type: ENFORCEMENT  
Date: 02/27/2008  
Action: Staff Letter

Global Id: T0603721950  
Action Type: Other  
Date: 04/24/2003  
Action: Leak Reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S107863292**

Global Id: T0603721950  
Action Type: ENFORCEMENT  
Date: 09/16/2008  
Action: Staff Letter

Global Id: T0603721950  
Action Type: RESPONSE  
Date: 11/14/2008  
Action: Soil and Water Investigation Workplan

Global Id: T0603721950  
Action Type: ENFORCEMENT  
Date: 01/27/2009  
Action: Staff Letter

**LUST:**

Global Id: T0603721950  
Status: Open - Case Begin Date  
Status Date: 11/24/1998

Global Id: T0603721950  
Status: Open - Site Assessment  
Status Date: 03/13/2006

Global Id: T0603721950  
Status: Open - Site Assessment  
Status Date: 01/26/2009

Global Id: T0603721950  
Status: Completed - Case Closed  
Status Date: 03/16/2010

62  
ESE  
1/8-1/4  
0.183 mi.  
964 ft.

**VENTURA TRANSFER CO**  
**2418 E 223RD ST**  
**LONG BEACH, CA 90810**

**CA UST U004049202**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**UST:**  
Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Facility ID: LACoFA0001211  
Permitting Agency: Los Angeles County Fire Department  
Latitude: 33.82177  
Longitude: -118.23141



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**M63**  
**WNW**  
**1/8-1/4**  
**0.183 mi.**  
**966 ft.**

**FREEWAY ENGINE SALES**  
**1935 E 223RD ST**  
**LONG BEACH, CA 90810**

**RCRA-SQG** **1000225202**  
**FINDS** **CAD982047839**  
**ECHO**

**Site 1 of 6 in cluster M**

**Relative:**  
**Higher**

RCRA-SQG:

**Actual:**  
**23 ft.**

Date form received by agency: 10/05/1987  
Facility name: FREEWAY ENGINE SALES  
Facility address: 1935 E 223RD ST  
LONG BEACH, CA 90810  
EPA ID: CAD982047839  
Mailing address: PO BOX 1220  
REDONDO BEACH, CA 90278  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 1935 E 223RD ST  
LONG BEACH, CA 90810  
Contact country: US  
Contact telephone: 213-835-4844  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREEWAY ENGINE SALES (Continued)**

**1000225202**

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

Violation Status: No violations found

**FINDS:**

Registry ID: 110002787360

**Environmental Interest/Information System**

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

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

**ECHO:**

Envid: 1000225202  
Registry ID: 110002787360  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002787360>

**M64  
WNW  
1/8-1/4  
0.184 mi.  
973 ft.**

**RED-D-ARC INC  
1945 E 223RD ST  
CARSON, CA 90810**

**Site 2 of 6 in cluster M**

**CA CERS HAZ WASTE S113796801  
CA HAZNET N/A  
CA CERS**

**Relative:  
Higher  
Actual:  
24 ft.**

CERS HAZ WASTE:  
Name: RED-D-ARC  
Address: 1945 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 147124  
CERS ID: 10272925  
CERS Description: Hazardous Waste Generator

**HAZNET:**

Name: RED-D-ARC INC  
Address: 1945 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2015  
GEPaid: CAL000250473

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RED-D-ARC INC (Continued)**

**S113796801**

Contact: JAMES DOOLEY  
Telephone: 3102333327  
Mailing Name: Not reported  
Mailing Address: 1945 E 223RD ST  
Mailing City,St,Zip: CARSON, CA 90810  
Gen County: Los Angeles  
TSD EPA ID: CAD028409019  
TSD County: Los Angeles  
Tons: 0.155  
CA Waste Code: 352-Other organic solids  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Los Angeles

Name: RED-D-ARC INC  
Address: 1945 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2014  
GEPaid: CAL000250473  
Contact: JAMES DOOLEY  
Telephone: 3102333327  
Mailing Name: Not reported  
Mailing Address: 1945 E 223RD ST  
Mailing City,St,Zip: CARSON, CA 90810  
Gen County: Los Angeles  
TSD EPA ID: CAD028409019  
TSD County: Los Angeles  
Tons: 0.075  
CA Waste Code: 352-Other organic solids  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Los Angeles

Name: RED-D-ARC INC  
Address: 1945 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2013  
GEPaid: CAL000250473  
Contact: JAMES DOOLEY  
Telephone: 3102333327  
Mailing Name: Not reported  
Mailing Address: 1945 E 223RD ST  
Mailing City,St,Zip: CARSON, CA 90810  
Gen County: Los Angeles  
TSD EPA ID: CAD028409019  
TSD County: Los Angeles  
Tons: 0.09  
CA Waste Code: 352-Other organic solids  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Los Angeles

Name: RED-D-ARC INC  
Address: 1945 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Year: 2012  
GEPaid: CAL000250473

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RED-D-ARC INC (Continued)**

**S113796801**

Contact: JAMES DOOLEY  
Telephone: 3102333327  
Mailing Name: Not reported  
Mailing Address: 1945 E 223RD ST  
Mailing City,St,Zip: CARSON, CA 90810  
Gen County: Los Angeles  
TSD EPA ID: CAD099452708  
TSD County: Los Angeles  
Tons: 0.3325  
CA Waste Code: 352-Other organic solids  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Los Angeles

**CERS:**

Name: RED-D-ARC  
Address: 1945 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 147124  
CERS ID: 10272925  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 147124  
Site Name: RED-D-ARC  
Violation Date: 01-20-2016  
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173  
Violation Description: Failure to properly close hazardous waste containers when not in active use.  
Violation Notes: Returned to compliance on 01/20/2016. OBSERVATION: All hazardous waste containers shall be closed at all times except when adding or removing waste. Observed uncovered 30 gallon container of used antifreeze and 25 gallon container of used oil at the power generator maintenance area. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 147124  
Site Name: RED-D-ARC  
Violation Date: 01-20-2016  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.  
Violation Notes: Returned to compliance on 01/20/2016. OBSERVATION: All hazardous waste containers shall be marked with the following information: 1) the words "Hazardous Waste"; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. Observed no labels on the 30 gallon container of used antifreeze and 25 gallon container of used oil in the power generator maintenance area. Operator corrected on site. CORRECTIVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RED-D-ARC INC (Continued)**

**S113796801**

ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-20-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: James Dooley, Branch Manager. Sergio Medrano, Shop Supervisor. No significant violations observed at the time of inspection  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-20-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: James Dooley, Branch Manager. Sergio Medrano, Shop Supervisor.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Environmental Contact  
Entity Name: MIKE ANDERSON  
Entity Title: Not reported  
Affiliation Address: 1945 E 223RD ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Document Preparer  
Entity Name: Mike Anderson  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RED-D-ARC INC (Continued)**

**S113796801**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Mike Anderson
Entity Title:	District Operations Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1945 E 223RD ST
Affiliation City:	CARSON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90810-160
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	RED-D-ARC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	RED-D-ARC INC
Entity Title:	Not reported
Affiliation Address:	1945 E 223RD ST
Affiliation City:	CARSON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90810-1608
Affiliation Phone:	(905) 643-4212
Affiliation Type Desc:	Operator
Entity Name:	RED-D-ARC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(905) 643-4212

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**65**  
**NNW**  
**1/8-1/4**  
**0.185 mi.**  
**977 ft.**

**TIMCO**  
**2032 220TH ST E**  
**CARSON, CA 90810**

**CA LUST S105036310**  
**CA CERS N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**LUST:**

Name: TIMCO  
 Address: 2032 220TH ST E  
 City,State,Zip: CARSON, CA 90810  
 Lead Agency: LOS ANGELES COUNTY  
 Case Type: LUST Cleanup Site  
 Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603703149](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703149)  
 Global Id: T0603703149  
 Latitude: 33.826731  
 Longitude: -118.238272  
 Status: Completed - Case Closed  
 Status Date: 07/21/1993  
 Case Worker: JOA  
 RB Case Number: I-05987  
 Local Agency: LOS ANGELES COUNTY  
 File Location: Not reported  
 Local Case Number: Not reported  
 Potential Media Affect: Other Groundwater (uses other than drinking water)  
 Potential Contaminants of Concern: Diesel  
 Site History: Not reported

**LUST:**

Global Id: T0603703149  
 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: T0603703149  
 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: T0603703149  
 Action Type: Other  
 Date: 05/11/1990  
 Action: Leak Discovery

Global Id: T0603703149  
 Action Type: Other  
 Date: 05/11/1990  
 Action: Leak Stopped

Global Id: T0603703149  
 Action Type: Other

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S105036310**

Date: 12/05/1990  
Action: Leak Reported

LUST:

Global Id: T0603703149  
Status: Open - Case Begin Date  
Status Date: 12/10/1989

Global Id: T0603703149  
Status: Open - Site Assessment  
Status Date: 12/10/1989

Global Id: T0603703149  
Status: Open - Site Assessment  
Status Date: 05/11/1990

Global Id: T0603703149  
Status: Completed - Case Closed  
Status Date: 07/21/1993

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-05987  
Status: Case Closed  
Substance: Diesel  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: Not reported  
Global ID: T0603703149  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: WILMINGTON BLVD  
Enforcement Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters  
Date Leak Discovered: 5/11/1990  
Date Leak First Reported: 12/5/1990  
Date Leak Record Entered: 1/11/1991  
Date Confirmation Began: Not reported  
Date Leak Stopped: 5/11/1990  
Date Case Last Changed on Database: 7/21/1993  
Date the Case was Closed: 7/21/1993  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: STEIN, BOB  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 1241.3306314427728226858482402  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: 12/10/1989  
Preliminary Site Assessment Began: 5/11/1990



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S105036310**

Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: 1/1/1965  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: TIMCO  
RP Address: Not reported  
Program: LUST  
Lat/Long: 33.8277423 / -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 #011091-16

**CERS:**

Name: TIMCO  
Address: 2032 220TH ST E  
City,State,Zip: CARSON, CA 90810  
Site ID: 219224  
CERS ID: T0603703149  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

L66  
ENE  
1/8-1/4  
0.194 mi.  
1025 ft.

**SPINELLO CONSTRUCTION**  
2414 E 223RD ST  
CARSON, CA 90810

CA SWEEPS UST S102058745  
CA LOS ANGELES CO. HMS N/A

Site 2 of 10 in cluster L

Relative:  
Higher  
Actual:  
27 ft.

SWEEPS UST:  
Name: SPINELLO CONSTRUCTION  
Address: 2414 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 13815  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 08-23-90  
Action Date: 08-23-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: Not reported  
Tank Status: Not reported  
Capacity: Not reported  
Active Date: Not reported  
Tank Use: Not reported  
STG: Not reported  
Content: Not reported  
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:

Name: SPINELLO CONSTRUCTION  
Address: 2414 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: Not reported  
Facility Id: 013453-013815  
Facility Type: Not reported  
Facility Status: Removed  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

L67  
ENE  
1/8-1/4  
0.194 mi.  
1025 ft.

**AMERON PIPE LINING DIVISION**  
2414 E 223RD ST  
LONG BEACH, CA 90810

CA SWEEPS UST S101618167  
CA HIST UST N/A  
CA FID UST

Site 3 of 10 in cluster L

Relative:  
Higher  
Actual:  
27 ft.

SWEEPS UST:  
Name: AMERON PIPE LINING DIVISION  
Address: 2414 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 17581  
Number: 9  
Board Of Equalization: 44-011706  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: PLDUC 1  
SWRCB Tank Id: 19-060-017581-000001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERON PIPE LINING DIVISION (Continued)**

**S101618167**

Tank Status: A  
Capacity: 4500  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 4

Name: AMERON PIPE LINING DIVISION  
Address: 2414 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 17581  
Number: 9  
Board Of Equalization: 44-011706  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: PLDUC 2  
SWRCB Tank Id: 19-060-017581-000002  
Tank Status: A  
Capacity: 3500  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Name: AMERON PIPE LINING DIVISION  
Address: 2414 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 17581  
Number: 9  
Board Of Equalization: 44-011706  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: PLDUC 3  
SWRCB Tank Id: 19-060-017581-000003  
Tank Status: A  
Capacity: 550  
Active Date: 07-01-85  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

Name: AMERON PIPE LINING DIVISION  
Address: 2414 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 17581  
Number: 9  
Board Of Equalization: 44-011706  
Referral Date: 07-01-85  
Action Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERON PIPE LINING DIVISION (Continued)**

**S101618167**

Created Date: 02-29-88  
Owner Tank Id: PLDUC 4  
SWRCB Tank Id: 19-060-017581-000004  
Tank Status: A  
Capacity: 280  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: Not reported

**HIST UST:**

Name: AMERON PIPE LINING DIVISION  
Address: 2414 E 223RD STREET  
City,State,Zip: LONG BEACH, CA 90810  
File Number: 00026323  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026323.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported  
  
Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

Click here for Geo Tracker PDF:

**CA FID UST:**

Facility ID: 19005126  
Regulated By: UTNKA  
Regulated ID: 00017581  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2138358201  
Mail To: Not reported  
Mailing Address: P O BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LONG BEACH 90810  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERON PIPE LINING DIVISION (Continued)

S101618167

Status: Active

L68  
ENE  
1/8-1/4  
0.203 mi.  
1071 ft.

VENTURA TRANSFER COMPANY  
2418 E 223RD STREET  
LONG BEACH, CA 90810

CA CERS HAZ WASTE  
CA CERS TANKS  
CA HAZNET  
CA HWT  
CA CERS

S112999945  
N/A

Site 4 of 10 in cluster L

Relative:  
Higher  
Actual:  
27 ft.

CERS HAZ WASTE:  
Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 405389  
CERS ID: 10272892  
CERS Description: Hazardous Waste Generator

CERS TANKS:  
Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 405389  
CERS ID: 10272892  
CERS Description: Underground Storage Tank

HAZNET:  
Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2017  
GEPaid: CAD009774167  
Contact: JIM CHENEY  
Telephone: 3105491660  
Mailing Name: Not reported  
Mailing Address: 2418 E 223RD ST  
Mailing City,St,Zip: LONG BEACH, CA 908100000  
Gen County: Los Angeles  
TSD EPA ID: CAD044429835  
TSD County: Los Angeles  
Tons: 0.374  
CA Waste Code: 343-Unspecified organic liquid mixture  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Los Angeles

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2017  
GEPaid: CAD009774167  
Contact: JIM CHENEY  
Telephone: 3105491660  
Mailing Name: Not reported  
Mailing Address: 2418 E 223RD ST  
Mailing City,St,Zip: LONG BEACH, CA 908100000  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Tons: 0.4587  
CA Waste Code: 791-Liquids with pH <= 2  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Los Angeles

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2017  
GEPaid: CAD009774167  
Contact: JIM CHENEY  
Telephone: 3105491660  
Mailing Name: Not reported  
Mailing Address: 2418 E 223RD ST  
Mailing City,St,Zip: LONG BEACH, CA 908100000  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Tons: 1.175  
CA Waste Code: 352-Other organic solids  
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(  
To Include On-Site Treatment And/Or Stabilization)  
Facility County: Los Angeles

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2017  
GEPaid: CAD009774167  
Contact: JIM CHENEY  
Telephone: 3105491660  
Mailing Name: Not reported  
Mailing Address: 2418 E 223RD ST  
Mailing City,St,Zip: LONG BEACH, CA 908100000  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Tons: 0.2  
CA Waste Code: 343-Unspecified organic liquid mixture  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Los Angeles

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2017  
GEPaid: CAD009774167  
Contact: JIM CHENEY  
Telephone: 3105491660  
Mailing Name: Not reported  
Mailing Address: 2418 E 223RD ST  
Mailing City,St,Zip: LONG BEACH, CA 908100000  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Tons: 0.1815  
CA Waste Code: 331-Off-specification, aged or surplus organics  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Los Angeles

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

**HWT:**

Name: VENTURA TRANSFER COMPANY  
Address: 2418 E 223RD STREET  
City,State,Zip: LONG BEACH, CA 90810  
Reg Num: 3782  
Expiration Date: 11/30/2019

**CERS:**

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 405389  
CERS ID: 271052  
CERS Description: Industrial Facility Storm Water

**Violations:**

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-21-2015  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: Lack of BMPs implementation at the wash rack area.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-30-2014  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter  
6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit hazardous material  
inventory information for all reportable hazardous materials on site  
at or above reportable quantities.  
Violation Notes: Returned to compliance on 01/29/2015. OBSERVATION: Owner/operator  
failed to disclose 500 Gallons of liquefied nitrogen in Hazardous  
Materials Inventory in CERS. CORRECTIVE ACTION: Update Hazardous  
Materials Inventory to include liquefied nitrogen currently handled  
onsite.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 01-23-2009  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Violation Notes: 56 mg/L of Oil & Grease and 320 mg/L of TSS were detected at the sample location, D1, on 1/23/2009.

Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-20-2017  
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286  
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 04/20/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-30-2014  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: Returned to compliance on 01/29/2015. OBSERVATION: Site map submitted in CERS was NOT ACCEPTED; required content was missing on site map. CORRECTIVE ACTION: Update existing site map to meet requirements of HSC 25505(a)(2), 25508(a)(1) and include all required content.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 05-09-2017  
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16  
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.

Violation Notes: Returned to compliance on 05/25/2017. OBSERVATION: The Owner/Operator failed to properly train personnel who handle hazardous waste. All employees shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-27-2015  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34  
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. Returned to compliance on 04/20/2016.  
Violation Notes: Returned to compliance on 04/20/2016.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 05-09-2017  
Citation: HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21  
Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).  
Violation Notes: Returned to compliance on 05/25/2017. OBSERVATION: The Generator failed to adequately complete a source reduction report with all the required information or failed to maintain the report for review. Observed no SB 14 hazardous waste minimization report for review on site. CORRECTIVE ACTION: The Generator shall immediately complete a source reduction report with all the required information and maintain for review.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-27-2015  
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)  
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.  
Violation Notes: Returned to compliance on 04/20/2016.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 02-17-2016  
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173  
Violation Description: Failure to properly close hazardous waste containers when not in

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Violation Notes: active use.  
Returned to compliance on 03/17/2016. OBSERVATION: All hazardous waste containers shall be closed at all times except when adding or removing waste. Observed several 55 gal and 5 gal containers of used oil and retank hazardous waste without covers. These containers were not in active use and were located near the rolloff bin #B. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-28-2017  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Notes: Returned to compliance on 01/12/2018. OBSERVATION: Owner/operator failed to update the emergency response procedures to show the current emergency contact information. CORRECTIVE ACTION: Revise the emergency response procedures to show the current emergency contact information and upload to the California Environmental Reporting System (CERS).

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 02-17-2016  
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16

Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Returned to compliance on 03/17/2016. OBSERVATION: Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and the name of each employee filling each job; 2) written job [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-27-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to maintain on site an approved monitoring plan.  
Violation Notes: Returned to compliance on 04/20/2016.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-28-2017  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.  
Violation Notes: Returned to compliance on 01/12/2018. OBSERVATION: Owner/operator failed to update the emergency contact information. Per operators, the secondary emergency contact person no longer works at this site but they have not updated the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Log onto the California Environmental Reporting System (CERS) to update the emergency contact information on the OWNER/OPERATOR IDENTIFICATION section.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 05-09-2017  
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31

Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.

Violation Notes: Returned to compliance on 05/25/2017. OBSERVATION: Generator failed to

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment. Observed unmanaged spills inside secondary containment at the oil storage area inside the maintenance shop. CORRECTIVE ACTION: Owner/Operator shall immediately maintain the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment. The Owner/Operator shall develop procedures to operate the facility in such a manner to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or water [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-20-2017  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34

Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violation Notes: Returned to compliance on 04/20/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 07-02-1999  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient Report  
Violation Notes: Non-submittal of Annual Report. Due 7//1/1999  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-28-2017  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 01/12/2018. OBSERVATION: Owner/operator failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Log onto the California Environmental Reporting System (CERS) web site to correct the deficiencies in the HAZARDOUS MATERIALS INVENTORY section. Ensure all reportable hazardous materials (55 gal for liquid, 500 lb for solid, 200 cu. ft for gas) are properly reported to the hazardous materials

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

inventory. Several reportable hazardous materials including (2) 55 drums of citric acid, (2) 55 gal drums of Keechem 77, (3) cylinders of argon and carbon dioxide mixed gas, have not been reported. Remove the hazardous materials that are no longer on site including the Aluminum Brightener and Transfoam. Also, ensure the entries are submitted correctly. The fields for the "LARGEST CONTAINER" for several of the entries were left blank. Revise the entries to show the correct of [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 02-17-2016  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 03/17/2016. OBSERVATION: All hazardous waste containers shall be marked with the following information: 1) the words "Hazardous Waste"; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. Observed several 55 gallon and 5 gallon containers of retank hazardous waste and used oil without hazardous waste labels. These containers were located near the rolloff bin #B. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-21-2015  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SWPPP  
Violation Notes: The SWPPP and MRP document was incomplete. Revision was needed.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 02-17-2016  
Citation: HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)

Violation Description: Failure to properly dispose of hazardous waste at an authorized location.

Violation Notes: Returned to compliance on 05/16/2016. OBSERVATION: Generator has failed to properly dispose of hazardous waste at an authorized location. Observed the facility's processes for managing non-RCRA hazardous waste from the wash pit sump and clarifier results in the disposal of the hazardous waste into the sewer system. Reviewed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

hazardous waste manifests for the sludge collected from the wash pit sump and clarifier. The wash pit is an underground storage tank that stores non-RCRA hazardous waste. Operator showed during the walkthrough the processes in which the non-RCRA hazardous waste from the wash pit sump and the clarifier is discharged into the sewer system. **CORRECTIVE ACTION;** The Owner/Operator shall dispose of all hazardous waste at an authorized location as required in Title 22 regulations. Documentaion records of disposal of any hazardous wastes must be maintained in accordance with Title 22.

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-20-2018  
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286

Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 04/24/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 02-17-2016  
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31

Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.

Violation Notes: Returned to compliance on 03/17/2016. **OBSERVATION:** Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water which could threaten human health or the environment. Observed unmanaged and accumulated spills on the floor area of the used oil tote and in the secondary containment used for the solvent buckets. **CORRECTIVE ACTION:** Immediately [fix leak, clean stains, etc.], and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed by 3/17/16.

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-27-2015  
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Violation Notes: Returned to compliance on 04/20/2016.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown  
Eval Date: 01-09-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-12-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-17-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Diane Kennedy, EHS Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HWLQG  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-27-2001  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: No problems noted at time of inspection.  
Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-20-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: CERS CORRECTIONS NEEDED. ILS350 PANEL ONSITE WITH NO PRINTER. SITE KEEP LOG ONSITE.  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-20-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: CERS SUBMITTAL TO UPDATE FRCT & OSDO.CERS UST INFO CORRS REQD.VR/ILS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

-350;NO PRINTER.DAILY VISUAL INSP'N LOGGED.SB989 4/22/16-ALL PASS.

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-21-2015  
Violations Found: Yes  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: Staff conducted a B Compliance inspection to the site. On February 27, 2001 Regional Board staff previously inspected the site. Staff met at the site with Mrs. Diane Kennedy, EHS Manager,(310) 549-1660 Ext. 304. Mrs Kennedy, accompanied staff during the site inspection. She also permitted the inspection and to take photographs. The SWPPP and MRP document was reviewed. The document need some update to include missing information. A Notice to Comply (NTC) with 30 days to comply was given at the site. The business consists of storage containers and transferring and warehousing of bulk chemicals. Maintenance is provided to the trucks, tank trailers, and chassis trailers at the site. Also, tanks trucks are washed inside and outside at the site. Housekeeping and management practice needed improvement; specially at the tank trucks wash and maintenance area as shown in the attached photographs. NTC was also issued for the BMPs violations and poor housekeeping at the subject area. Staff told Mrs Kennedy that failure to comply with the NTC will result in a NOV. Storm water runoff from the site is mainly discharged from four points. Storm water samples has been collected only from two points. Staff instructed Mrs Kennedy to collect storm water samples from all four points. Photos from the inspection are attached. On May 21, 2015 a response to NTC with supporting document was received. The permittee is in compliance with the Industrial Storm Water General Permit.

Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-22-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: REQ DOCS SUBMITTED;PANEL[ILS350 W/OUT PRINTER];ANN[420];SMP[208];LLD [LD2000];DIRECT BURY SPBK;DW PIPES[AO SMITH];OVERFILL[F/V]

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-24-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: SUMPS/UDCS DRY. SENSOR@LOW POINT. REVIEWED ALARMS, OSDO BOOK& CERS MISSING FRCT/OSDO. ERRORS- LTMP/SITE PLN OMISSIONS. 2013 CTLS REJECT

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-24-2019



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: CERS SUBMITTAL ACCEPTED. FRCT EXPIRED ONSITE.NO PRINTER;ALARM LOG SHEET ONSITE OBSERVED.OVERFILL INSP OVERDUE-TO BE TEST 042519.  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-03-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Jim Cheney, Environmental Compliance Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-30-2016  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HWLQG  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-06-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed documented proof of compliance. NOV abated.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-28-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Jim Cheney  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-28-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Jim Cheney  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-30-2014  
Violations Found: No  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-30-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

**Enforcement Action:**

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Site Address: 2418 E 223RD ST  
Site City: LONG BEACH  
Site Zip: 90810  
Enf Action Date: 01-05-2010  
Enf Action Type: Staff Enforcement Letter  
Enf Action Description: Staff Enforcement Letter  
Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that the permittee will develop and implement the BMPs to reduce or prevent pollutants in SW discharges. Letter also required permittee to submit evidence of implemented additional BMPs and SWPPP amendments if the permittee is already implementing the BMPs.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Site Address: 2418 E 223RD ST  
Site City: LONG BEACH  
Site Zip: 90810  
Enf Action Date: 04-21-2015  
Enf Action Type: Notice to Comply  
Enf Action Description: Notice to Comply  
Enf Action Notes: SWPPP and MRP was incomplete  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

**Coordinates:**

Site ID: 405389  
Facility Name: VENTURA TRANSFER CO  
Env Int Type Code: HMBP  
Program ID: 10272892  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.821770  
Longitude: -118.231410

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Affiliation:

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2418 E 223RD ST  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810-9975  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: JIM CHENEY  
Entity Title: Environmental and Compliance Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: UNION PACIFIC RAILROAD  
Entity Title: Not reported  
Affiliation Address: 12567 COLLECTIONS CENTER DRIVE  
Affiliation City: CHICAGO  
Affiliation State: IL  
Affiliation Country: United States  
Affiliation Zip: 60693  
Affiliation Phone: (402) 544-0211

Affiliation Type Desc: UST Permit Applicant  
Entity Name: Jim Cheney  
Entity Title: Compliance Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: UST Tank Operator  
Entity Name: VENTURA TRANSFER CO  
Entity Title: Not reported  
Affiliation Address: 2418 E. 223rd street  
Affiliation City: Long Beach  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: Environmental Contact  
Entity Name: Jim Cheney  
Entity Title: Not reported  
Affiliation Address: 2418 E 223RD STREET  
Affiliation City: LONG BEACH  
Affiliation State: CA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Owner/Operator  
Entity Name: Ventura Transfer Company  
Entity Title: Operator  
Affiliation Address: 2418 E 223rd St  
Affiliation City: Long Beach  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Document Preparer  
Entity Name: Jim Cheney  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: RANDALL CLIFFORD  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: UST Tank Owner  
Entity Name: VENTURA TRANSFER CO  
Entity Title: Not reported  
Affiliation Address: 2418 E. 223rd street  
Affiliation City: Long Beach  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: Legal Owner  
Entity Name: Ventura Transfer Company  
Entity Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Affiliation Address: 2418 E 223RD ST  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810-9975  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: Parent Corporation  
Entity Name: VENTURA TRANSFER CO  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: UST Property Owner Name  
Entity Name: UNION PACIFIC RAILROAD  
Entity Title: Not reported  
Affiliation Address: 12567 Collections Center dr.  
Affiliation City: Chicago  
Affiliation State: IL  
Affiliation Country: United States  
Affiliation Zip: 60693  
Affiliation Phone: (402) 544-0211

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 405389  
CERS ID: 10272892  
CERS Description: Chemical Storage Facilities

Violations:  
Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-21-2015  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: Lack of BMPs implementation at the wash rack area.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-30-2014  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Returned to compliance on 01/29/2015. OBSERVATION: Owner/operator failed to disclose 500 Gallons of liquefied nitrogen in Hazardous Materials Inventory in CERS. CORRECTIVE ACTION: Update Hazardous Materials Inventory to include liquefied nitrogen currently handled

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

onsite.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 01-23-2009  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: 56 mg/L of Oil & Grease and 320 mg/L of TSS were detected at the sample location, D1, on 1/23/2009.

Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-20-2017  
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286  
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.  
Violation Notes: Returned to compliance on 04/20/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-30-2014  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit a site map with all required content.  
Violation Notes: Returned to compliance on 01/29/2015. OBSERVATION: Site map submitted in CERS was NOT ACCEPTED; required content was missing on site map. CORRECTIVE ACTION: Update existing site map to meet requirements of HSC 25505(a)(2), 25508(a)(1) and include all required content.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 05-09-2017  
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16  
Violation Description: Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility.  
Violation Notes: Returned to compliance on 05/25/2017. OBSERVATION: The Owner/Operator failed to properly train personnel who handle hazardous waste. All

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

employees shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-27-2015  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34

Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violation Notes: Returned to compliance on 04/20/2016.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 05-09-2017  
Citation: HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21

Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).

Violation Notes: Returned to compliance on 05/25/2017. OBSERVATION: The Generator failed to adequately complete a source reduction report with all the required information or failed to maintain the report for review. Observed no SB 14 hazardous waste minimization report for review on site. CORRECTIVE ACTION: The Generator shall immediately complete a source reduction report with all the required information and maintain for review.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-27-2015  
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)

Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.

Violation Notes: Returned to compliance on 04/20/2016.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 02-17-2016  
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173

Violation Description: Failure to properly close hazardous waste containers when not in active use.

Violation Notes: Returned to compliance on 03/17/2016. OBSERVATION: All hazardous waste containers shall be closed at all times except when adding or removing waste. Observed several 55 gal and 5 gal containers of used oil and retank hazardous waste without covers. These containers were not in active use and were located near the rolloff bin #B. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-28-2017  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Notes: Returned to compliance on 01/12/2018. OBSERVATION: Owner/operator failed to update the emergency response procedures to show the current emergency contact information. CORRECTIVE ACTION: Revise the emergency response procedures to show the current emergency contact information and upload to the California Environmental Reporting System (CERS).

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 02-17-2016  
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16

Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Returned to compliance on 03/17/2016. OBSERVATION: Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and the name of each employee filling each job; 2) written job [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-27-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to maintain on site an approved monitoring plan.  
Violation Notes: Returned to compliance on 04/20/2016.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-28-2017  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.  
Violation Notes: Returned to compliance on 01/12/2018. OBSERVATION: Owner/operator failed to update the emergency contact information. Per operators, the secondary emergency contact person no longer works at this site but they have not updated the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Log onto the California Environmental Reporting System (CERS) to update the emergency contact information on the OWNER/OPERATOR IDENTIFICATION section.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Site Name: VENTURA TRANSFER CO  
Violation Date: 05-09-2017  
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31  
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.  
Violation Notes: Returned to compliance on 05/25/2017. OBSERVATION: Generator failed to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment. Observed unmanaged spills inside secondary containment at the oil storage area inside the maintenance shop. CORRECTIVE ACTION: Owner/Operator shall immediately maintain the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment. The Owner/Operator shall develop procedures to operate the facility in such a manner to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or water [Truncated]  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-20-2017  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34  
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.  
Violation Notes: Returned to compliance on 04/20/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 07-02-1999  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient Report  
Violation Notes: Non-submittal of Annual Report. Due 7/1/1999  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 12-28-2017  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit hazardous material

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Violation Notes: inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Returned to compliance on 01/12/2018. OBSERVATION: Owner/operator failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Log onto the California Environmental Reporting System (CERS) web site to correct the deficiencies in the HAZARDOUS MATERIALS INVENTORY section. Ensure all reportable hazardous materials (55 gal for liquid, 500 lb for solid, 200 cu. ft for gas) are properly reported to the hazardous materials inventory. Several reportable hazardous materials including (2) 55 drums of citric acid, (2) 55 gal drums of Keechem 77, (3) cylinders of argon and carbon dioxide mixed gas, have not been reported. Remove the hazardous materials that are no longer on site including the Aluminum Brightener and Transfoam. Also, ensure the entries are submitted correctly. The fields for the "LARGEST CONTAINER" for several of the entries were left blank. Revise the entries to show the correct of [Truncated]

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 02-17-2016  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 03/17/2016. OBSERVATION: All hazardous waste containers shall be marked with the following information: 1) the words "Hazardous Waste"; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. Observed several 55 gallon and 5 gallon containers of retank hazardous waste and used oil without hazardous waste labels. These containers were located near the rolloff bin #B. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-21-2015  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SWPPP  
Violation Notes: The SWPPP and MRP document was incomplete. Revision was needed.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Violation Date: 02-17-2016  
Citation: HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)  
Violation Description: Failure to properly dispose of hazardous waste at an authorized location.  
Violation Notes: Returned to compliance on 05/16/2016. OBSERVATION: Generator has failed to properly dispose of hazardous waste at an authorized location. Observed the facility's processes for managing non-RCRA hazardous waste from the wash pit sump and clarifier results in the disposal of the hazardous waste into the sewer system. Reviewed hazardous waste manifests for the sludge collected from the wash pit sump and clarifier. The wash pit is an underground storage tank that stores non-RCRA hazardous waste. Operator showed during the walkthrough the processes in which the non-RCRA hazardous waste from the wash pit sump and the clarifier is discharged into the sewer system. CORRECTIVE ACTION; The Owner/Operator shall dispose of all hazardous waste at an authorized location as required in Title 22 regulations. Documentation records of disposal of any hazardous wastes must be maintained in accordance with Title 22.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-20-2018  
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286  
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.  
Violation Notes: Returned to compliance on 04/24/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 02-17-2016  
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31  
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.  
Violation Notes: Returned to compliance on 03/17/2016. OBSERVATION: Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water which could threaten human health or the environment. Observed unmanaged and accumulated spills on the floor area of the used oil tote and in the secondary containment used for the solvent buckets. CORRECTIVE ACTION: Immediately [fix leak, clean stains, etc.], and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed by 3/17/16.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HWLQG

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Violation Source: CERS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Violation Date: 04-27-2015  
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)  
Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.  
Violation Notes: Returned to compliance on 04/20/2016.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Evaluation:  
Eval General Type: Other/Unknown  
Eval Date: 01-09-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 01-12-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-17-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Diane Kennedy, EHS Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HWLQG  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-27-2001  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: No problems noted at time of inspection.  
Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-20-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: CERS CORRECTIONS NEEDED. ILS350 PANEL ONSITE WITH NO PRINTER. SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

KEEP LOG ONSITE.  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-20-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: CERS SUBMITTAL TO UPDATE FRCT & OSDO.CERS UST INFO CORRS REQD.VR/ILS  
-350;NO PRINTER.DAILY VISUAL INSP'N LOGGED.SB989 4/22/16-ALL PASS.

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-21-2015  
Violations Found: Yes  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: Staff conducted a B Compliance inspection to the site. On February 27,  
2001 Regional Board staff previously inspected the site. Staff met at  
the site with Mrs. Diane Kennedy, EHS Manager,(310) 549-1660 Ext. 304.  
Mrs Kennedy, accompanied staff during the site inspection. She also  
permitted the inspection and to take photographs. The SWPPP and MRP  
document was reviewed. The document need some update to include  
missing information. A Notice to Comply (NTC) with 30 days to comply  
was given at the site. The business consists of storage containers and  
transferring and warehousing of bulk chemicals. Maintenance is  
provided to the trucks, tank trailers, and chassis trailers at the  
site. Also, tanks trucks are washed inside and outside at the site.  
Housekeeping and management practice needed improvement; specially at  
the tank trucks wash and maintenance area as shown in the attached  
photographs. NTC was also issued for the BMPs violations and poor  
housekeeping at the subject area. Staff told Mrs Kennedy that failure  
to comply with the NTC will result in a NOV. Storm water runoff from  
the site is mainly discharged from four points. Storm water samples  
has been collected only from two points. Staff instructed Mrs Kennedy  
to collect storm water samples from all four points. Photos from the  
inspection are attached. On May 21, 2015 a response to NTC with  
supporting document was received. The permittee is in compliance with  
the Industrial Storm Water General Permit.

Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-22-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: REQ DOCS SUBMITTED;PANEL[ILS350 W/OUT PRINTER];ANN[420];SMP[208];LLD  
[LD2000];DIRECT BURY SPBK;DW PIPES[AO SMITH];OVERFILL[F/V]

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-24-2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: SUMPS/JDCS DRY. SENSOR@LOW POINT. REVIEWED ALARMS, OSDO BOOK& CERS MISSING FRCT/OSDO. ERRORS- LTMP/SITE PLN OMISSIONS. 2013 CTLS REJECT  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-24-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: CERS SUBMITTAL ACCEPTED. FRCT EXPIRED ONSITE.NO PRINTER;ALARM LOG SHEET ONSITE OBSERVED.OVERFILL INSP OVERDUE-TO BE TEST 042519.  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-03-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Jim Cheney, Environmental Compliance Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-30-2016  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HWLQG  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-06-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed documented proof of compliance. NOV abated.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-28-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Jim Cheney  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-28-2017  
Violations Found: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Eval Type: Routine done by local agency  
Eval Notes: Jim Cheney  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-30-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-30-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

**Enforcement Action:**

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Site Address: 2418 E 223RD ST  
Site City: LONG BEACH  
Site Zip: 90810  
Enf Action Date: 01-05-2010  
Enf Action Type: Staff Enforcement Letter  
Enf Action Description: Staff Enforcement Letter  
Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that the permittee will develop and implement the BMPs to reduce or prevent pollutants in SW discharges. Letter also required permittee to submit evidence of implemented additional BMPs and SWPPP amendments if the permittee is already implementing the BMPs.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 405389  
Site Name: VENTURA TRANSFER CO  
Site Address: 2418 E 223RD ST  
Site City: LONG BEACH  
Site Zip: 90810  
Enf Action Date: 04-21-2015  
Enf Action Type: Notice to Comply  
Enf Action Description: Notice to Comply  
Enf Action Notes: SWPPP and MRP was incomplete  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Coordinates:



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Site ID: 405389  
Facility Name: VENTURA TRANSFER CO  
Env Int Type Code: HMBP  
Program ID: 10272892  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.821770  
Longitude: -118.231410

**Affiliation:**

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2418 E 223RD ST  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810-9975  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: JIM CHENEY  
Entity Title: Environmental and Compliance Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: UNION PACIFIC RAILROAD  
Entity Title: Not reported  
Affiliation Address: 12567 COLLECTIONS CENTER DRIVE  
Affiliation City: CHICAGO  
Affiliation State: IL  
Affiliation Country: United States  
Affiliation Zip: 60693  
Affiliation Phone: (402) 544-0211

Affiliation Type Desc: UST Permit Applicant  
Entity Name: Jim Cheney  
Entity Title: Compliance Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: UST Tank Operator  
Entity Name: VENTURA TRANSFER CO  
Entity Title: Not reported  
Affiliation Address: 2418 E. 223rd street  
Affiliation City: Long Beach  
Affiliation State: CA  
Affiliation Country: United States

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Affiliation Zip: 90810  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: Environmental Contact  
Entity Name: Jim Cheney  
Entity Title: Not reported  
Affiliation Address: 2418 E 223RD STREET  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Owner/Operator  
Entity Name: Ventura Transfer Company  
Entity Title: Operator  
Affiliation Address: 2418 E 223rd St  
Affiliation City: Long Beach  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Document Preparer  
Entity Name: Jim Cheney  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: RANDALL CLIFFORD  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: UST Tank Owner  
Entity Name: VENTURA TRANSFER CO  
Entity Title: Not reported  
Affiliation Address: 2418 E. 223rd street

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S112999945**

Affiliation City: Long Beach  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: Legal Owner  
Entity Name: Ventura Transfer Company  
Entity Title: Not reported  
Affiliation Address: 2418 E 223RD ST  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810-9975  
Affiliation Phone: (310) 549-1660

Affiliation Type Desc: Parent Corporation  
Entity Name: VENTURA TRANSFER CO  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: UST Property Owner Name  
Entity Name: UNION PACIFIC RAILROAD  
Entity Title: Not reported  
Affiliation Address: 12567 Collections Center dr.  
Affiliation City: Chicago  
Affiliation State: IL  
Affiliation Country: United States  
Affiliation Zip: 60693  
Affiliation Phone: (402) 544-0211

**L69**  
**ENE**  
**1/8-1/4**  
**0.203 mi.**  
**1071 ft.**

**VENTURA TRANSFER COMPANY**  
**2418 E 223RD ST**  
**LONG BEACH, CA 90810**

**CA SWEEPS UST**  
**CA HIST UST**  
**CA CIWQS**

**S106934067**  
**N/A**

**Site 5 of 10 in cluster L**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**SWEEPS UST:**  
Name: VENTURA TRANSFER COMPANY  
Address: 2418 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 5045  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: DRAIN OIL1  
SWRCB Tank Id: 19-060-005045-000001  
Tank Status: A  
Capacity: 550

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S106934067**

Active Date: 07-01-85  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: 2

Name: VENTURA TRANSFER COMPANY  
Address: 2418 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 5045  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: DIESEL1  
SWRCB Tank Id: 19-060-005045-000002  
Tank Status: A  
Capacity: Not reported  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

**HIST UST:**

Name: VENTURA TRANSFER COMPANY  
Address: 2418 EAST 223RD STREET  
City,State,Zip: LONG BEACH, CA 90810  
File Number: 00028555  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028555.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported

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

Click here for Geo Tracker PDF:

**CIWQS:**

Name: VENTURA TRANSFER COMPANY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**S106934067**

Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Agency: Ventura Transfer Company  
Agency Address: 2418 E 223rd St, Long Beach, CA 90810  
Place/Project Type: Industrial - Trucking, Except Local  
SIC/NAICS: 4213  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I005810  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 11/17/1992  
Termination Date: Not reported  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 1  
Violations within 5 years: 2  
Latitude: 33.82446  
Longitude: -118.23035

**M70**  
**WNW**  
**1/8-1/4**  
**0.203 mi.**  
**1071 ft.**

**CARSON BODYSHOP**  
**1933 EAST 223RD STREET**  
**LONG BEACH, CA 90810**

**RCRA-SQG 1000385024**  
**CA LUST CAD981572753**  
**FINDS**  
**ECHO**

**Site 3 of 6 in cluster M**

**Relative:**  
**Higher**  
**Actual:**  
**23 ft.**

RCRA-SQG:  
Date form received by agency: 09/09/1986  
Facility name: CARSON BODYSHOP  
Facility address: 1933 EAST 223RD STREET  
LONG BEACH, CA 90810  
EPA ID: CAD981572753  
Mailing address: EAST 223RD STREET  
LONG BEACH, CA 90810  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 1933 EAST 223RD STREET  
LONG BEACH, CA 90810  
Contact country: US  
Contact telephone: 213-835-9706  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:  
Owner/operator name: BERT SKINNER  
Owner/operator address: NOT REQUIRED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARSON BODYSHOP (Continued)**

**1000385024**

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

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-36418  
Status: Preliminary site assessment workplan submitted  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: 26553-036418  
Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603745427  
W Global ID: Not reported  
Staff: JH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARSON BODYSHOP (Continued)**

**1000385024**

Local Agency: 19000  
Cross Street: WILMINGTON AVE.  
Enforcement Type: SEL  
Date Leak Discovered: 6/18/2001  
Date Leak First Reported: 6/26/2001  
Date Leak Record Entered: Not reported  
Date Confirmation Began: Not reported  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: Not reported  
Date the Case was Closed: Not reported  
How Leak Discovered: OM  
How Leak Stopped: Close Tank  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): Not reported  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: 6/26/2001  
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: JOSH HUNTER  
RP Address: 25231 PASEO DE ALICIA, SUITE 101  
Program: LUST  
Lat/Long: 0 / 0  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: Not reported

**FINDS:**

Registry ID: 110002718774

**Environmental Interest/Information System**

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARSON BODYSHOP (Continued)**

**1000385024**

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

ECHO:  
Envid: 1000385024  
Registry ID: 110002718774  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002718774>

**L71  
ENE  
1/8-1/4  
0.210 mi.  
1108 ft.**

**MANVILLE CORPORATION  
2420 EAST 223RD STREET  
CARSON, CA 90810**

**CA HIST Cal-Sites  
CA BOND EXP. PLAN  
CA CERS**

**S100833315  
N/A**

**Site 6 of 10 in cluster L**

**Relative:  
Higher  
Actual:  
27 ft.**

Calsite:  
Name: MANVILLE CORPORATION  
Address: 2420 EAST 223RD STREET  
City: CARSON  
Region: CYPRESS  
Facility ID: 19320001  
Facility Type: RP  
Type: RESPONSIBLE PARTY  
Branch: SB  
Branch Name: SO CAL - CYPRESS  
File Name: Not reported  
State Senate District: 06291990  
Status: CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES  
Status Name: CERTIFIED / OPERATION & MAINTENANCE  
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL  
NPL: Not Listed  
SIC Code: 32  
SIC Name: MANU - STONE, CLAY & GLASS PRODUCTS  
Access: Not reported  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Unknown  
Staff Member Responsible for Site: SSAYED  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: Not reported  
Region Water Control Board Name: Not reported  
Lat/Long Direction: Not reported  
Lat/Long (dms): 0 0 0 / 0 0 0  
Lat/long Method: Not reported  
Lat/Long Description: Not reported  
State Assembly District Code: 55  
State Senate District Code: 28  
Facility ID: 19320001  
Activity: DISC  
Activity Name: DISCOVERY  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 02151981



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE CORPORATION (Continued)**

**S100833315**

Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: COM  
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19320001  
Activity: RIFS  
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
AWP Code: CAP  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 05311989  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: COM  
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19320001  
Activity: RAP  
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 07311989  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: COM  
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE CORPORATION (Continued)**

**S100833315**

Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19320001
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06291990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	1860
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	550,000 CUBIC YARDS CAPPED, 1,860 TONS REMOVED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19320001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07121990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19320001
Activity:	DEED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE CORPORATION (Continued)**

**S100833315**

Activity Name: DEED RESTRICTIONS  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 12161991  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: COM  
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 19320001  
Activity: OM  
Activity Name: OPERATION & MAINTENANCE  
AWP Code: 1  
Proposed Budget: 0  
AWP Completion Date: 06301995  
Revised Due Date: Not reported  
Comments Date: Not reported  
Est Person-Yrs to complete: 0  
Estimated Size: M  
Request to Delete Activity: Not reported  
Activity Status: COM  
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Alternate Address: 2420 EAST 223RD STREET  
Alternate City,St,Zip: CARSON, CA 90810  
Background Info: This 65-acre site was used from 1937 to 1982 to manufacture asbestos insulation products, cement and polyvinyl chloride pipe. Site has been certified. Contaminants were asbestos.  
Comments Date: 01011983  
Comments: This is the date the site was first listed pursuant to  
Comments Date: 01011983  
Comments: section 25356.  
Comments Date: 01141991  
Comments: DHS received EPA Federal Investigation Team's Screening

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE CORPORATION (Continued)**

**S100833315**

Comments Date: 01141991  
Comments: Site Inspection Summary Report. EPA recommends NFA (3/22/90)  
Comments Date: 02151981  
Comments: Facility identified via LA County Engineers files.  
Comments Date: 02171981  
Comments: Facility Drive-by: Active facility.  
Comments Date: 02241981  
Comments: Sent letter requesting information.  
Comments Date: 04131981  
Comments: Records Search (RWQCB): Permit for non-process waters.  
Comments Date: 04151982  
Comments: Records Search (LA County Engineering): Index 223, Permit  
Comments Date: 04151982  
Comments: 6087J current.  
Comments Date: 05011989  
Comments: Remedial Investigation / Feasibility Study approved (capping  
Comments Date: 05011989  
Comments: asbestos in two on-site cells).  
Comments Date: 06191989  
Comments: Records Search: Site listed in 1989 Bond Expenditure Plan.  
Comments Date: 06291990  
Comments: Certification of Remedial Action Plan (asbestos/underground  
Comments Date: 06291990  
Comments: storage tanks) by DHS.  
Comments Date: 07011989  
Comments: Remedial Action Plan approved by DHS.  
Comments Date: 07011990  
Comments: PCE/TCE groundwater investigation pending.  
Comments Date: 07121990  
Comments: The Department and Manville Sales Corporation entered into a  
Comments Date: 07121990  
Comments: Consent Agreement on June 30, 1990 to restrict land use at  
Comments Date: 07121990  
Comments: Manville site. This deed was recorded in Los Angeles County  
Comments Date: 07121990  
Comments: Recorder on July 12, 1990.  
Comments Date: 08181991  
Comments: Records Search: Site Certified in June 1990.  
Comments Date: 09011989  
Comments: Asbestos remediation started.  
Comments Date: 12161991  
Comments: Amended deed restriction recorded 12/03/91.  
ID Name: EPA IDENTIFICATION NUMBER  
ID Value: CAD060386596  
ID Name: BEP DATABASE PCODE  
ID Value: P41023  
ID Name: CALSTARS CODE  
ID Value: 300089  
Alternate Name: JOHNS-MANVILLE CORPORATION  
Alternate Name: MANVILLE CORPORATION  
Alternate Name: JOHNS-MANVILLE, CARSON  
Alternate Name: Not reported  
Special Programs Code: Not reported  
Special Programs Name: Not reported

CA BOND EXP. PLAN:

Responsible Party:

RESPONSIBLE PARTY LEAD SITE CLEANUP WORKPLAN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE CORPORATION (Continued)**

**S100833315**

Project Revenue Source Company: Not reported  
Project Revenue Source Addr: Not reported  
Project Revenue Source City,St,Zip: Not reported  
Project Revenue Source Desc: The responsible party has paid for all remediation activities to date and is expected to continue. The RP provided DHS with \$50,000 advance funding for DHS' oversight and monitoring costs under the terms of the enforceable agreement signed in November, 1987. The \$50,000 in advance funds have been spent. DHS has budgeted \$50,000 for contractor assistance to DHS oversight/monitoring staff. DHS will recover 100 percent of direct costs plus staff costs related to the project.

Site Description: This 65-acre site was used from 1937 to 1982 to manufacture asbestos insulation products, cement and polyvinyl chloride pipe. The site is currently vacant but contains spilled and buried asbestos waste.

Hazardous Waste Desc: Numerous buried settling ponds and disposal pits which contain asbestos wastes exist throughout the site.

Threat To Public Health & Env: The primary threat is human exposure to a release of asbestos fibers. To preclude direct contact with the substances, the site is fenced and secured 24 hours a day.

Site Activity Status: Manville Corporation entered into an enforceable agreement with the Department in November, 1987 to conduct remedial investigation activities. A remedial investigation was conducted to define the nature and extent of contamination and to determine the type and extent of remedial measures necessary. A feasibility study was approved July, 1988. A draft RAP is under review by DHS and is expected to be final by January, 1989.

**CERS:**

Name: MANVILLE CORPORATION  
Address: 2420 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Site ID: 339679  
CERS ID: 19320001  
CERS Description: State Response

**Affiliation:**

Affiliation Type Desc: Lead Project Manager  
Entity Name: SAFOUH SAYED  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: CYPRESS  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor  
Entity Name: ROBERT SENGA  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**L72**            **MANVILLE PLANT**  
**ENE**            **2420 223RD ST E**  
**1/8-1/4**        **CARSON, CA 90810**  
**0.210 mi.**  
**1108 ft.**        **Site 7 of 10 in cluster L**

**CA RESPONSE**    **S104406548**  
**CA ENVIROSTOR**    **N/A**  
**CA LUST**  
**CA DEED**  
**CA HIST CORTESE**  
**CA CERS**

**Relative:**  
**Higher**

**RESPONSE:**

**Actual:**  
**27 ft.**

Name: MANVILLE CORPORATION  
 Address: 2420 EAST 223RD STREET  
 City,State,Zip: CARSON, CA 90810  
 Facility ID: 19320001  
 Site Type: State Response  
 Site Type Detail: State Response or NPL  
 Acres: 16  
 National Priorities List: NO  
 Cleanup Oversight Agencies: SMBRP  
 Lead Agency Description: DTSC - Site Cleanup Program  
 Project Manager: Safouh Sayed  
 Supervisor: Robert Senga  
 Division Branch: Cleanup Cypress  
 Site Code: 300089  
 Site Mgmt. Req.: ASP, DAY, ELD, HOS, LUC, FEN, EX, NUSE, SCH, FOOD, RES, ASP, DAY, ELD, HOS, LUC, FEN, EX, NUSE, SCH, FOOD, RES  
 Assembly: 64  
 Senate: 35  
 Special Program Status: Not reported  
 Status: Certified O&M - Land Use Restrictions Only  
 Status Date: 07/12/1990  
 Restricted Use: YES  
 Funding: Responsible Party  
 Latitude: 33.82424  
 Longitude: -118.2341  
 APN: NONE SPECIFIED  
 Past Use: UNKNOWN  
 Potential COC : Asbestos Containing Materials (ACM)  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: SOIL  
 Alias Name: JOHNS-MANVILLE CORPORATION  
 Alias Type: Alternate Name  
 Alias Name: JOHNS-MANVILLE, CARSON  
 Alias Type: Alternate Name  
 Alias Name: CAD060386596  
 Alias Type: EPA Identification Number  
 Alias Name: 110002652594  
 Alias Type: EPA (FRS #)  
 Alias Name: 110033608610  
 Alias Type: EPA (FRS #)  
 Alias Name: P41023  
 Alias Type: PCode  
 Alias Name: 300089  
 Alias Type: Project Code (Site Code)  
 Alias Name: 19320001  
 Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Land Use Restriction - Amendment  
 Completed Date: 12/16/1991

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE PLANT (Continued)**

**S104406548**

Comments: Amended deed restriction recorded 12/03/91.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 07/12/1990  
Comments: The Department and Manville Sales Corporation entered into a Consent Agreement on June 30, 1990 to restrict land use at Manville site. This deed was recorded in Los Angeles County Recorder on July 12, 1990.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 06/29/1990  
Comments: Certification of Remedial Action Plan (asbestos/underground storage tanks) by DHS.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 02/15/1981  
Comments: Facility identified via LA County Engineers files.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 12/04/2013  
Comments: Completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/03/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 07/31/1989  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 05/31/1989  
Comments: Not reported

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE PLANT (Continued)**

**S104406548**

**ENVIROSTOR:**

Name: MANVILLE CORPORATION  
Address: 2420 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Facility ID: 19320001  
Status: Certified O&M - Land Use Restrictions Only  
Status Date: 07/12/1990  
Site Code: 300089  
Site Type: State Response  
Site Type Detailed: State Response or NPL  
Acres: 16  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Safouh Sayed  
Supervisor: Robert Senga  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: YES  
Site Mgmt Req: ASP, DAY, ELD, HOS, LUC, FEN, EX, NUSE, SCH, FOOD, RES, ASP, DAY, ELD, HOS, LUC, FEN, EX, NUSE, SCH, FOOD, RES  
Funding: Responsible Party  
Latitude: 33.82424  
Longitude: -118.2341  
APN: NONE SPECIFIED  
Past Use: UNKNOWN  
Potential COC: Asbestos Containing Materials (ACM)  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL  
Alias Name: JOHNS-MANVILLE CORPORATION  
Alias Type: Alternate Name  
Alias Name: JOHNS-MANVILLE, CARSON  
Alias Type: Alternate Name  
Alias Name: CAD060386596  
Alias Type: EPA Identification Number  
Alias Name: 110002652594  
Alias Type: EPA (FRS #)  
Alias Name: 110033608610  
Alias Type: EPA (FRS #)  
Alias Name: P41023  
Alias Type: PCode  
Alias Name: 300089  
Alias Type: Project Code (Site Code)  
Alias Name: 19320001  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Amendment  
Completed Date: 12/16/1991  
Comments: Amended deed restriction recorded 12/03/91.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE PLANT (Continued)**

**S104406548**

Completed Document Type: Land Use Restriction  
Completed Date: 07/12/1990  
Comments: The Department and Manville Sales Corporation entered into a Consent Agreement on June 30, 1990 to restrict land use at Manville site. This deed was recorded in Los Angeles County Recorder on July 12, 1990.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 06/29/1990  
Comments: Certification of Remedial Action Plan (asbestos/underground storage tanks) by DHS.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 02/15/1981  
Comments: Facility identified via LA County Engineers files.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 12/04/2013  
Comments: Completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/03/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 07/31/1989  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 05/31/1989  
Comments: Not reported

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

**LUST:**

Name: MANVILLE PLANT  
Address: 2420 223RD ST E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE PLANT (Continued)**

**S104406548**

City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603702687](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702687)  
Global Id: T0603702687  
Latitude: 33.8244487  
Longitude: -118.2309273  
Status: Completed - Case Closed  
Status Date: 07/18/1996  
Case Worker: YR  
RB Case Number: I-00223  
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: T0603702687  
Contact Type: Local Agency Caseworker  
Contact Name: JOHN AWUJO  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S FREMONT AVE  
City: ALHAMBRA  
Email: [jawujo@dpw.lacounty.gov](mailto:jawujo@dpw.lacounty.gov)  
Phone Number: 6264583507

Global Id: T0603702687  
Contact Type: Regional Board Caseworker  
Contact Name: YUE RONG  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: [yrong@waterboards.ca.gov](mailto:yrong@waterboards.ca.gov)  
Phone Number: Not reported

**LUST:**

Global Id: T0603702687  
Action Type: Other  
Date: 06/29/1990  
Action: Leak Discovery

Global Id: T0603702687  
Action Type: Other  
Date: 06/29/1990  
Action: Leak Stopped

Global Id: T0603702687  
Action Type: Other  
Date: 07/25/1990  
Action: Leak Reported

**LUST:**

Global Id: T0603702687  
Status: Open - Case Begin Date  
Status Date: 05/25/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE PLANT (Continued)**

**S104406548**

Global Id: T0603702687  
Status: Open - Site Assessment  
Status Date: 05/25/1990

Global Id: T0603702687  
Status: Open - Site Assessment  
Status Date: 06/15/1990

Global Id: T0603702687  
Status: Completed - Case Closed  
Status Date: 07/18/1996

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-00223  
Status: Case Closed  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: Excavate and Dispose  
Global ID: T0603702687  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: WILMINGTON AVE  
Enforcement Type: Not reported  
Date Leak Discovered: 6/29/1990  
Date Leak First Reported: 7/25/1990  
Date Leak Record Entered: 9/26/1990  
Date Confirmation Began: Not reported  
Date Leak Stopped: 6/29/1990  
Date Case Last Changed on Database: 12/23/1996  
Date the Case was Closed: 7/18/1996  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: CLUMPUS, MARVIN  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 1148.4783970301480426412314408  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 5/25/1990  
Pollution Characterization Began: 6/15/1990  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANVILLE PLANT (Continued)**

**S104406548**

GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: MANVILLE SALES CORPORATION  
RP Address: P.O. BOX 5108 DENVER, COLORADO, 80217  
Program: LUST  
Lat/Long: 33.8242963 / -1  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: Not reported

**DEED:**

Name: MANVILLE CORPORATION  
Address: 2420 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Envirostor ID: 19320001  
Area: PROJECT WIDE  
Sub Area: Not reported  
Site Type: STATE RESPONSE  
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY  
Agency: Not reported  
Covenant Uploaded: Not reported  
Deed Date(s): 07/12/1990  
File Name: Envirostor Land Use Restrictions

Name: MANVILLE CORPORATION  
Address: 2420 EAST 223RD STREET  
City,State,Zip: CARSON, CA 90810  
Envirostor ID: 19320001  
Area: PROJECT WIDE  
Sub Area: Not reported  
Site Type: STATE RESPONSE  
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY  
Agency: Not reported  
Covenant Uploaded: Not reported  
Deed Date(s): 12/16/1991  
File Name: Envirostor Land Use Restrictions

**HIST CORTESE:**

edr\_fname: MANVILLE PLANT  
edr\_fadd1: 2420 223RD  
City,State,Zip: CARSON, CA 90745  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-00223

**CERS:**

Name: MANVILLE PLANT  
Address: 2420 223RD ST E  
City,State,Zip: CARSON, CA 90810

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MANVILLE PLANT (Continued)**

**S104406548**

Site ID: 204531  
 CERS ID: T0603702687  
 CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
 Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
 Entity Title: Not reported  
 Affiliation Address: 900 S FREMONT AVE  
 Affiliation City: ALHAMBRA  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
 Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
 Entity Title: Not reported  
 Affiliation Address: 320 W. 4TH ST., SUITE 200  
 Affiliation City: Los Angeles  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

73  
 NNE  
 1/8-1/4  
 0.213 mi.  
 1125 ft.

**DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO)**  
**22039 SOUTH WESTWARD AVENUE**  
**CARSON, CA 90810**

**CA LUST S110654521**  
**CA ENF N/A**  
**CA CIWQS**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**27 ft.**

Name: EDOCO  
 Address: 22039 WESTWARD AVE  
 City,State,Zip: CARSON, CA 90810  
 Lead Agency: LOS ANGELES COUNTY  
 Case Type: LUST Cleanup Site  
 Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603705528](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705528)  
 Global Id: T0603705528  
 Latitude: 33.8272382  
 Longitude: -118.2344161  
 Status: Completed - Case Closed  
 Status Date: 12/03/2008  
 Case Worker: JOA  
 RB Case Number: R-25853  
 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: T0603705528  
 Contact Type: Local Agency Caseworker  
 Contact Name: JOHN AWUJO  
 Organization Name: LOS ANGELES COUNTY  
 Address: 900 S FREMONT AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO) (Continued)**

**S110654521**

City: ALHAMBRA  
Email: jawujo@dpw.lacounty.gov  
Phone Number: 6264583507

Global Id: T0603705528  
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: T0603705528  
Action Type: Other  
Date: 06/11/1928  
Action: Leak Discovery

Global Id: T0603705528  
Action Type: Other  
Date: 06/12/1986  
Action: Leak Stopped

Global Id: T0603705528  
Action Type: Other  
Date: 06/12/1986  
Action: Leak Reported

Global Id: T0603705528  
Action Type: ENFORCEMENT  
Date: 11/24/2008  
Action: Closure/No Further Action Letter - #C591267

LUST:

Global Id: T0603705528  
Status: Open - Case Begin Date  
Status Date: 06/12/1986

Global Id: T0603705528  
Status: Open - Site Assessment  
Status Date: 06/12/1986

Global Id: T0603705528  
Status: Open - Inactive  
Status Date: 01/19/1988

Global Id: T0603705528  
Status: Completed - Case Closed  
Status Date: 12/03/2008

ENF:

Name: DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO)  
Address: 22039 SOUTH WESTWARD AVENUE  
City,State,Zip: CARSON, CA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO) (Continued)**

**S110654521**

Region:	4
Facility Id:	223425
Agency Name:	Not reported
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	33.827266
Place Longitude:	-118.234238
SIC Code 1:	2869
SIC Desc 1:	Industrial Organic Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO) (Continued)**

**S110654521**

WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	261494
Region:	4
Order / Resolution Number:	R4-2005-0044
Enforcement Action Type:	Time Schedule Order
Effective Date:	07/13/2005
Adoption/Issuance Date:	07/13/2005
Achieve Date:	Not reported
Termination Date:	06/07/2006
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Time Schedule Order: Dayton Superior (formerly Edoco); CA0002941, CI-4420.
Description:	TSO extends the compliance schedule for interim limits for copper, nickel, silver, and zinc contained in Order No. 01-158, from Oct. 1, 2005 to Sept. 10, 2006.
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO)
Address:	22039 SOUTH WESTWARD AVENUE
City,State,Zip:	CARSON, CA
Region:	4
Facility Id:	223425
Agency Name:	Dayton Superior Corporation
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.827266
Place Longitude:	-118.234238
SIC Code 1:	2869
SIC Desc 1:	Industrial Organic Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO) (Continued)**

**S110654521**

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.2661
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Cooling water: Noncontact
Facility Waste Type 2:	Stormwater runoff
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192034001
Reg Measure Id:	131115
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	01-158
Npdes# CA#:	CA0002941
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	1000
Status:	Historical
Status Date:	12/28/2018
Effective Date:	10/25/2001
Expiration/Review Date:	09/10/2006
Termination Date:	06/07/2006
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	15 - WDRs pending rescission
Direction/Voice:	Passive
Enforcement Id(EID):	354720
Region:	4
Order / Resolution Number:	R4-2008-0079-M
Enforcement Action Type:	Admin Civil Liability
Effective Date:	10/16/2008
Adoption/Issuance Date:	02/13/2009
Achieve Date:	Not reported
Termination Date:	02/13/2009
ACL Issuance Date:	10/16/2008
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Expedited Settlement Ltr sent 10/16/08 for 22 effluent limit violations.
Description:	Expedited Settlement Ltr sent 10/16/08 for 22 effluent limit violations. MMP amt for 18 eligible effluent

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO) (Continued)**

**S110654521**

violations: \$54,000 to CAA.  
Program: NPDESWW  
Latest Milestone Completion Date: 12/15/2008  
# Of Programs1: 1  
Total Assessment Amount: 54000  
Initial Assessed Amount: 54000  
Liability \$ Amount: 54000  
Project \$ Amount: 0  
Liability \$ Paid: 54000  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 54000

Name: DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO)  
Address: 22039 SOUTH WESTWARD AVENUE  
City,State,Zip: CARSON, CA  
Region: 4  
Facility Id: 223425  
Agency Name: Dayton Superior Corporation  
Place Type: Manufacturing  
Place Subtype: Manufacturing NEC  
Facility Type: Industrial  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.827266  
Place Longitude: -118.234238  
SIC Code 1: 2869  
SIC Desc 1: Industrial Organic Chemicals, NEC  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: 0.2661  
Threat To Water Quality: 3  
Complexity: C  
Pretreatment: X - Facility is not a POTW  
Facility Waste Type: Cooling water: Noncontact  
Facility Waste Type 2: Stormwater runoff  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: NPDESWW  
Program Category1: NPDESWW  
Program Category2: NPDESWW  
# Of Programs: 1  
WDID: 4B192034001  
Reg Measure Id: 131115  
Reg Measure Type: NPDES Permits  
Region: 4  
Order #: 01-158  
Npdes# CA#: CA0002941

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO) (Continued)**

**S110654521**

Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	1000
Status:	Historical
Status Date:	12/28/2018
Effective Date:	10/25/2001
Expiration/Review Date:	09/10/2006
Termination Date:	06/07/2006
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	15 - WDRs pending rescission
Direction/Voice:	Passive
Enforcement Id(EID):	251288
Region:	4
Order / Resolution Number:	R4-2004-0002
Enforcement Action Type:	Admin Civil Liability
Effective Date:	02/05/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/09/2004
ACL Issuance Date:	02/05/2004
EPL Issuance Date:	Not reported
Status:	Withdrawn
Title:	CI-4420 MMP R4-2004-0002 02/05/2004
Description:	Mandatory Minimum Penalty Complaint R4-2004-0002 for \$48,000 issued 2/5/04 18 permit effluent limit violations.
Program:	NPDESWW
Latest Milestone Completion Date:	5/5/2004
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	48000
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO)
Address:	22039 SOUTH WESTWARD AVENUE
City,State,Zip:	CARSON, CA
Region:	4
Facility Id:	223425
Agency Name:	Dayton Superior Corporation
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO) (Continued)**

**S110654521**

Place Latitude:	33.827266
Place Longitude:	-118.234238
SIC Code 1:	2869
SIC Desc 1:	Industrial Organic Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.2661
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Cooling water: Noncontact
Facility Waste Type 2:	Stormwater runoff
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192034001
Reg Measure Id:	131115
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	01-158
Npdes# CA#:	CA0002941
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	1000
Status:	Historical
Status Date:	12/28/2018
Effective Date:	10/25/2001
Expiration/Review Date:	09/10/2006
Termination Date:	06/07/2006
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	15 - WDRs pending rescission
Direction/Voice:	Passive
Enforcement Id(EID):	223826
Region:	4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO) (Continued)**

**S110654521**

Order / Resolution Number: NOV  
Enforcement Action Type: Notice of Violation  
Effective Date: 09/19/2003  
Adoption/Issuance Date: 09/19/2003  
Achieve Date: Not reported  
Termination Date: 06/08/2006  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: NOV sent 9/19/03 for 52 effluent limit violations & reporting deficiencies.  
Description: NOV sent 9/19/03 for 52 permit effluent limit violations & reporting deficiencies.  
Program: NPDESWW  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

**CIWQS:**

Name: DAYTON SUPERIOR SPECIALTY CHEMICAL (FORMERLY EDOCO)  
Address: 22039 SOUTH WESTWARD AVENUE  
City,State,Zip: CARSON, CA 90810  
Agency: Dayton Superior Corporation  
Agency Address: 500 West 17th Street, Long Beach, CA 90813  
Place/Project Type: Manufacturing NEC  
SIC/NAICS: 2869  
Region: 4  
Program: NPDESWW  
Regulatory Measure Status: Historical  
Regulatory Measure Type: NPDES Permit  
Order Number: 01-158  
WDID: 4B192034001  
NPDES Number: CA0002941  
Adoption Date: 10/25/2001  
Effective Date: 10/25/2001  
Termination Date: 06/07/2006  
Expiration/Review Date: 09/10/2006  
Design Flow: 0.2661  
Major/Minor: Minor  
Complexity: C  
TTWQ: 3  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.827266  
Longitude: -118.234238

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

L74  
ENE  
1/8-1/4  
0.220 mi.  
1163 ft.

L B FOSTER CO  
2424 E 223RD ST  
LONG BEACH, CA 90810  
Site 8 of 10 in cluster L

CA SWEEPS UST  
CA HIST UST  
U001566235  
N/A

Relative:  
Higher  
Actual:  
28 ft.

SWEEPS UST:  
Name: L. B. FOSTER CO.  
Address: 2424 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 4983  
Number: 9  
Board Of Equalization: 44-011206  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 1  
SWRCB Tank Id: 19-060-004983-000001  
Tank Status: A  
Capacity: 1000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: LEADED  
Number Of Tanks: 2

Name: L. B. FOSTER CO.  
Address: 2424 E 223RD ST  
City: LONG BEACH  
Status: Active  
Comp Number: 4983  
Number: 9  
Board Of Equalization: 44-011206  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 2  
SWRCB Tank Id: 19-060-004983-000002  
Tank Status: A  
Capacity: 8000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

HIST UST:  
Name: L B FOSTER CO  
Address: 2424 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
File Number: 00027415  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027415.pdf>  
Region: STATE  
Facility ID: 00000004983  
Facility Type: Other  
Other Type: END FINISHING  
Contact Name: HOWARD J. SUPAN  
Telephone: 2137753007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**L B FOSTER CO (Continued)**

**U001566235**

Owner Name: L. B. FOSTER CO.  
Owner Address: 415 HOLIDAY DR.  
Owner City,St,Zip: PITTSBURG, PA 15230  
Total Tanks: 0002

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: 10  
Leak Detection: Visual

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 10  
Leak Detection: Visual

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

**L75**  
**ENE**  
**1/8-1/4**  
**0.220 mi.**  
**1163 ft.**

**L B FOSTER CO**  
**2424 E 223RD ST**  
**CARSON, CA 90810**  
**Site 9 of 10 in cluster L**

**CA SWEEPS UST S101587148**  
**CA FID UST N/A**  
**CA LOS ANGELES CO. HMS**

**Relative:**  
**Higher**  
**Actual:**  
**28 ft.**

**SWEEPS UST:**  
Name: L B FOSTER COMPANY  
Address: 2424 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 11524  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: Not reported  
Tank Status: Not reported  
Capacity: Not reported  
Active Date: Not reported  
Tank Use: Not reported  
STG: Not reported  
Content: Not reported  
Number Of Tanks: Not reported

**CA FID UST:**  
Facility ID: 19054964  
Regulated By: UTNKA  
Regulated ID: 00004983  
Cortese Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**L B FOSTER CO (Continued)**

**S101587148**

SIC Code: Not reported  
Facility Phone: 8180000000  
Mail To: Not reported  
Mailing Address: 2424 E 223RD ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CARSON  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**LOS ANGELES CO. HMS:**

Name: L B FOSTER CO  
Address: 2424 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: T  
Facility Id: 011482-011524  
Facility Type: 0  
Facility Status: Removed  
Area: 22  
Permit Number: 00003076T  
Permit Status: Removed

**M76  
WNW  
1/8-1/4  
0.220 mi.  
1163 ft.**

**ENVIRONMENTAL DYNAMICS  
22222 WILMINGTON AVE  
CARSON, CA 90745**

**TX Ind. Haz Waste S104852155  
N/A**

**Site 4 of 6 in cluster M**

**Relative:  
Higher  
Actual:  
24 ft.**

Ind. Haz Waste:  
Name: ENVIRONMENTAL DYNAMICS  
Address: 22222 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90745  
Registration Number: 47038  
Registration Initial Notification Date: 10/12/1992  
Registration Last Amendment Date: 06/25/2001  
EPA Identification: Not reported  
Primary NAICS Code: 484121  
Status Change Date: 19921012  
Land Type: Not reported  
Description of Facility Site Location: Not reported  
Site Primary Standard Industrial Code: Not reported  
Site Primary SIC Description: Not reported  
Registration is Generator of Waste: No  
Registration is Receivers of Waste: No  
Registration is Transporter of Waste: Yes  
Registration is Transfer Facility: No  
Facility is STEERS Reporter: No  
Required to Submit Annual Waste Summary: No  
Facility Involved In Recycling: No  
Revcr Has Monthly Reporting Requirement: 0  
Mexican Facility: Not reported  
Type of Generator: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENVIRONMENTAL DYNAMICS (Continued)**

**S104852155**

TNRCC Region: Not reported  
Company Name: ENVIRONMENTAL DYNAMICS INC  
Contact Name: MIKE HERNANDEZ  
Contact Telephone Number: 512-5219062  
Mailing Address: 22222 WILMINGTON AVE  
Mailing Address2: Not reported  
Mailing City,St,Zip: CARSON, CA 907454308  
Mailing County: UNITED STATES  
Facility Country: UNITED STATES  
TNRCC Facility ID: 18421  
Site Owner Tax ID: 0  
Site Location Latitude: -00.000  
Site Location Longitude: -000.000  
Last Update to NOR Data: 20030930  
Ind. waste permit Number: Not reported  
Mun waste permit Number: Not reported  
Non Notifier: No

Business Records Not Found for this RegNo/Year:

Owner:

Owner Mailing Address: 22222 WILMINGTON AVE  
Owner Mailing Address2: Not reported  
Owner Mailing Address3: Not reported  
Owner City,St,Zip: CARSON, CA 90745 4308  
Owner Country: UNITED STA  
Owner Phone Number: 1-512-5219062  
Owner Fax Number: Not reported  
Owner Email Address: Not reported  
Owner Business Type: Corporation  
Owner Tax Id: 30117055274  
Owner Bankruptcy Code: Not reported

Operator:

Operator Last Name: ENVIRONMENTAL DYNAMICS INC  
Operator First Name: Not reported  
Operator Name: ENVIRONMENTAL DYNAMICS INC  
Operator Mailing Address: 22222 WILMINGTON AVE  
Operator Mailing Address 2: Not reported  
Operator Mailing City,St,Zip: CARSON, CA 90745 4308  
Operator Country: UNITED STA  
Operator Phone: 1-512-5219062  
Operator Fax: Not reported  
Operator Email: Not reported  
Operator Business Type: Corporation  
Operator Tax Id: 30117055274  
Operator Bankruptcy Code: Not reported

Contact:

Contact Name: MIKE HERNANDEZ  
Contact Title: ENVIRONMENTAL MANAGER  
Contact Role: PRICONT  
Contact Address: 22222 WILMINGTON AVE  
Contact Address2: Not reported  
Contact City,St,Zip: CARSON, CA 90745 4308  
Contact Phone: 1-512-5219062  
Contact Fax: Not reported  
Contact Email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENVIRONMENTAL DYNAMICS (Continued)**

**S104852155**

Contact:

Contact Name: Not reported  
Contact Title: Not reported  
Contact Role: OPRCON  
Contact Address: 22222 WILMINGTON AVE  
Contact Address2: Not reported  
Contact City,St,Zip: CARSON, CA 90745 4308  
Contact Phone: 1-512-5219062  
Contact Fax: Not reported  
Contact Email: Not reported

Contact:

Contact Name: Not reported  
Contact Title: Not reported  
Contact Role: OWNCON  
Contact Address: 22222 WILMINGTON AVE  
Contact Address2: Not reported  
Contact City,St,Zip: CARSON, CA 90745 4308  
Contact Phone: 1-512-5219062  
Contact Fax: Not reported  
Contact Email: Not reported

Unit Records Not Found for this RegNo/Year:

One Time Shipper Records Not Found for this RegNo/Year:

Receiver Type: Not reported  
Transporter for hire: 1  
Transport own waste: 0  
Eq 01, if transport waste type = 1: Not reported  
Eq 02, if transport waste type = 2: Not reported  
Eq 03, if transport waste type = 3: Not reported  
Eq 04, if transport waste type = H: 04  
Target TCEQ unique facid for discarded(merged) facility: Not reported

Waste Records Not Found for this RegNo/Year:

**M77  
WNW  
1/8-1/4  
0.220 mi.  
1163 ft.**

**TRI WEST DISTRIBUORS,LLC  
22222 WILMINGTON AVE  
CARSON, CA 90745**

**CA UST U003778158  
N/A**

**Site 5 of 6 in cluster M**

**Relative:  
Higher  
Actual:  
24 ft.**

UST:

Name: TRI WEST DISTRIBUORS,LLC  
Address: 22222 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90745  
Facility ID: 27265  
Permitting Agency: LOS ANGELES COUNTY  
Latitude: 33.8260826  
Longitude: -118.2401799

LOS ANGELES UST:

Name: Not reported  
Address: 22222 WILMINGTON AVE  
City,State,Zip: CARSON, CA  
Facility ID: Not reported  
Last Run Date: 01/01/1900  
Status: HISTORICAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**M78**  
**WNW**  
**1/8-1/4**  
**0.220 mi.**  
**1163 ft.**

**CARSON CHEVRON**  
**22222 WILMINGTON AVE**  
**CARSON, CA 90745**

**RCRA NonGen / NLR**    **1024832609**  
**CAL000370854**

**Site 6 of 6 in cluster M**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**24 ft.**

Date form received by agency: 01/18/2012  
Facility name: CARSON CHEVRON  
Facility address: 22222 WILMINGTON AVE  
CARSON, CA 90745  
EPA ID: CAL000370854  
Mailing address: 5951 N VARIEL AVE  
WOODLAND HILLS, CA 91367-0000  
Contact: MOTI BALYAN  
Contact address: 5951 N VARIEL AVE  
WOODLAND HILLS, CA 91367  
Contact country: Not reported  
Contact telephone: 818-710-8212  
Contact email: MOTIBALYAN@GMAIL.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BHUPINDER SINGH MAC  
Owner/operator address: 5951 N VARIEL AVE  
WOODLAND HILLS, CA 91367  
Owner/operator country: Not reported  
Owner/operator telephone: 818-710-8212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MOTI BALYAN  
Owner/operator address: 5951 N VARIEL AVE  
WOODLAND HILLS, CA 91367  
Owner/operator country: Not reported  
Owner/operator telephone: 818-710-8212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CARSON CHEVRON (Continued)**

**1024832609**

On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Violation Status: No violations found

**L79**  
**ENE**  
**1/8-1/4**  
**0.236 mi.**  
**1246 ft.**

**JOHNS MANVILLE PLT**  
**2430 E 223RD**  
**CARSON, CA 90810**  
**Site 10 of 10 in cluster L**

**SEMS-ARCHIVE 1015732755**  
**RCRA-SQG CAD060386596**

**Relative:**  
**Higher**  
**Actual:**  
**28 ft.**

SEMS Archive:  
 Site ID: 0901475  
 EPA ID: CAD060386596  
 Cong District: 32  
 FIPS Code: 06037  
 FF: N  
 NPL: Not on the NPL  
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**SEMS Archive Detail:**

Region: 09  
 Site ID: 0901475  
 EPA ID: CAD060386596  
 Site Name: JOHNS MANVILLE PLT  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: SI  
 Action Name: SI  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 1990-03-22 05:00:00  
 Qual: N  
 Current Action Lead: EPA Perf

Region: 09  
 Site ID: 0901475  
 EPA ID: CAD060386596  
 Site Name: JOHNS MANVILLE PLT  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: VS  
 Action Name: ARCH SITE  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 1990-03-22 05:00:00  
 Qual: Not reported  
 Current Action Lead: EPA Perf In-Hse

Region: 09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNS MANVILLE PLT (Continued)**

**1015732755**

Site ID: 0901475  
EPA ID: CAD060386596  
Site Name: JOHNS MANVILLE PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1979-12-01 05:00:00  
Finish Date: 1979-12-01 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0901475  
EPA ID: CAD060386596  
Site Name: JOHNS MANVILLE PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1984-01-01 05:00:00  
Qual: L  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0901475  
EPA ID: CAD060386596  
Site Name: JOHNS MANVILLE PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 2  
Start Date: Not reported  
Finish Date: 1988-12-21 05:00:00  
Qual: L  
Current Action Lead: EPA Perf

**RCRA-SQG:**

Date form received by agency: 09/01/1996  
Facility name: JOHNS-MANVILLE SALES CORP DEL  
Facility address: 2430 E 223RD  
LONG BEACH, CA 90810  
EPA ID: CAD060386596  
Mailing address: PO BOX 9067  
LONG BEACH, CA 90810  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNS MANVILLE PLT (Continued)**

**1015732755**

Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

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

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

**Handler Activities Summary:**

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNS MANVILLE PLT (Continued)**

**1015732755**

Historical Generators:

Date form received by agency: 08/18/1980  
Site name: JOHNS-MANVILLE SALES CORP DEL  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: F - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 05/30/1984  
Date achieved compliance: 12/03/1991  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/30/1984  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/30/1984  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 12/03/1991  
Evaluation lead agency: State

**N80**  
**WNW**  
**1/8-1/4**  
**0.238 mi.**  
**1257 ft.**

**CARSON VENTURES, LLC**  
**1933 223RD ST E.**  
**CARSON, CA 90810**

**CA LUST S111711312**  
**CA CERS N/A**

**Site 1 of 7 in cluster N**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

LUST:

Name: CARSON VENTURES, LLC  
Address: 1933 223RD ST E.  
City, State, Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603745427](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603745427)  
Global Id: T0603745427  
Latitude: 33.824315  
Longitude: -118.241539  
Status: Completed - Case Closed  
Status Date: 04/22/2008  
Case Worker: JH  
RB Case Number: R-36418  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board  
Local Case Number: 26553-036418  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST:

Global Id: T0603745427  
Contact Type: Regional Board Caseworker  
Contact Name: JAY HUANG

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARSON VENTURES, LLC (Continued)**

**S111711312**

Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: jhuang@waterboards.ca.gov  
Phone Number: 2135766711

Global Id: T0603745427  
Contact Type: Local Agency Caseworker  
Contact Name: ROBERT GETMAN  
Organization Name: LOS ANGELES COUNTY  
Address: Not reported  
City: ALHAMBRA  
Email: Not reported  
Phone Number: 6264583513

**LUST:**

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 04/22/2008  
Action: Closure/No Further Action Letter - #1

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 09/12/2002  
Action: Staff Letter

Global Id: T0603745427  
Action Type: RESPONSE  
Date: 10/31/2002  
Action: Other Report / Document

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 05/14/2004  
Action: Staff Letter

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 01/18/2005  
Action: Staff Letter

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 08/30/2005  
Action: Staff Letter

Global Id: T0603745427  
Action Type: RESPONSE  
Date: 02/14/2005  
Action: Soil and Water Investigation Workplan

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 11/07/2005  
Action: Staff Letter

Global Id: T0603745427



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARSON VENTURES, LLC (Continued)**

**S111711312**

Action Type: Other  
Date: 06/18/2001  
Action: Leak Discovery

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 06/20/2007  
Action: 13267 Requirement

Global Id: T0603745427  
Action Type: RESPONSE  
Date: 11/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 03/21/2008  
Action: Notification - Preclosure

Global Id: T0603745427  
Action Type: Other  
Date: 06/26/2001  
Action: Leak Reported

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 03/19/2008  
Action: Site Visit / Inspection / Sampling

Global Id: T0603745427  
Action Type: ENFORCEMENT  
Date: 04/22/2008  
Action: Closure/No Further Action Letter

**LUST:**

Global Id: T0603745427  
Status: Open - Case Begin Date  
Status Date: 06/18/2001

Global Id: T0603745427  
Status: Open - Site Assessment  
Status Date: 06/26/2001

Global Id: T0603745427  
Status: Open - Site Assessment  
Status Date: 01/18/2005

Global Id: T0603745427  
Status: Open - Site Assessment  
Status Date: 08/22/2005

Global Id: T0603745427  
Status: Completed - Case Closed  
Status Date: 04/22/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARSON VENTURES, LLC (Continued)**

**S111711312**

**CERS:**

Name: CARSON VENTURES, LLC  
Address: 1933 223RD ST E.  
City,State,Zip: CARSON, CA 90810  
Site ID: 224092  
CERS ID: T0603745427  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: ROBERT GETMAN - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583513

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: JAY HUANG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 WEST 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766711

**O81  
NNW  
1/8-1/4  
0.240 mi.  
1269 ft.**

**NIKLOR\_CHEMICAL\_CO\_INC  
2060 220TH ST. E.  
CARSON, CA 90810**

**CA LUST S107863248  
CA CERS N/A**

**Site 1 of 10 in cluster O**

**Relative:  
Higher**

**LUST:**

**Actual:  
26 ft.**

Name: NIKLOR\_CHEMICAL\_CO\_INC  
Address: 2060 220TH ST. E.  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603732180](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603732180)  
Global Id: T0603732180  
Latitude: 33.827628  
Longitude: -118.236893  
Status: Completed - Case Closed  
Status Date: 11/21/2007  
Case Worker: MB  
RB Case Number: R-06532  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board  
Local Case Number: 06314-06532  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Acetone, Benzene, \*\* Chloroform, \* Chloroform  
Site History: Not reported

LUST:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR\_CHEMICAL\_CO\_INC (Continued)**

**S107863248**

Global Id: T0603732180  
Contact Type: Regional Board Caseworker  
Contact Name: MAGDY BAIADY  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: LOS ANGELES  
Email: mbaady@waterboards.ca.gov  
Phone Number: 2135766699

Global Id: T0603732180  
Contact Type: Local Agency Caseworker  
Contact Name: TIM SMITH  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S. FREMONT AVE.  
City: ALHAMBRA  
Email: tsmith@dpw.lacounty.gov  
Phone Number: Not reported

**LUST:**

Global Id: T0603732180  
Action Type: Other  
Date: 06/29/2005  
Action: Leak Discovery

Global Id: T0603732180  
Action Type: ENFORCEMENT  
Date: 07/03/2006  
Action: Staff Letter

Global Id: T0603732180  
Action Type: ENFORCEMENT  
Date: 10/10/2007  
Action: Site Visit / Inspection / Sampling

Global Id: T0603732180  
Action Type: ENFORCEMENT  
Date: 11/21/2007  
Action: Closure/No Further Action Letter

Global Id: T0603732180  
Action Type: ENFORCEMENT  
Date: 11/05/2007  
Action: Site Visit / Inspection / Sampling

Global Id: T0603732180  
Action Type: Other  
Date: 06/29/2005  
Action: Leak Reported

Global Id: T0603732180  
Action Type: RESPONSE  
Date: 07/31/2006  
Action: Other Report / Document

**LUST:**

Global Id: T0603732180

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR\_CHEMICAL\_CO\_INC (Continued)**

**S107863248**

Status: Open - Case Begin Date  
Status Date: 06/29/2005

Global Id: T0603732180  
Status: Open - Site Assessment  
Status Date: 06/29/2006

Global Id: T0603732180  
Status: Completed - Case Closed  
Status Date: 11/21/2007

**CERS:**

Name: NIKLOR\_CHEMICAL\_CO\_INC  
Address: 2060 220TH ST. E.  
City,State,Zip: CARSON, CA 90810  
Site ID: 239130  
CERS ID: T0603732180  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: MAGDY BAIADY - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766699

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: TIM SMITH - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S. FREMONT AVE.  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**N82** **TEXACO #61-106-0186**  
**WNW** **22232 WILMINGTON**  
**1/8-1/4** **CARSON, CA 90745**  
**0.245 mi.**  
**1291 ft.** **Site 2 of 7 in cluster N**

**CA LUST** **S102438650**  
**CA HIST CORTESE** **N/A**

**Relative:** LUST REG 4:  
**Higher** Region: 4  
Regional Board: 04  
**Actual:** County: Los Angeles  
**24 ft.** Facility Id: I-05891  
Status: Pollution Characterization  
Substance: Hydrocarbons  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S102438650**

Abatement Method Used at the Site: EDFP  
Global ID: T0603703122  
W Global ID: Not reported  
Staff: MB  
Local Agency: 19000  
Cross Street: 223RD STREET  
Enforcement Type: SI  
Date Leak Discovered: 10/1/1993  
Date Leak First Reported: 11/15/1994  
Date Leak Record Entered: 5/24/1995  
Date Confirmation Began: Not reported  
Date Leak Stopped: 10/1/1993  
Date Case Last Changed on Database: 7/18/2002  
Date the Case was Closed: Not reported  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: Corrosion  
Leak Source: Tank  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 2415.6999788099960331434776889  
Source of Cleanup Funding: Tank  
Preliminary Site Assessment Workplan Submitted: 11/15/1994  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: 2/18/2004  
Remediation Plan Submitted: 10/31/2001  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: 3/14/2001  
Historical Max MTBE Date: 8/28/2002  
Hist Max MTBE Conc in Groundwater: 67000  
Hist Max MTBE Conc in Soil: 15  
Significant Interim Remedial Action Taken: Yes  
GW Qualifier: =  
Soil Qualifier: =  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: ED PADEN  
RP Address: P.O. BOX 7869  
Program: LUST  
Lat/Long: 33.8253574 / -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: MTBE ND THIS QTR IN CORSS GRADIENT WELL, BUT DOWNGRADIENT WELL HAS FP. ; 7/10/00 2ND QTR GW MON RPT; 10/12/00 QTR GW MON RPT 3RD; 10/31/00 GW ASSESSM. & RAP; 1/10/01 4TH QTR GW MON RPT 2000

HIST CORTESE:  
edr\_fname: TEXACO #61-106-0186  
edr\_fadd1: 22232 WILMINGTON  
City,State,Zip: CARSON, CA 90745  
Region: CORTESE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S102438650**

Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-05891

**N83  
WNW  
1/8-1/4  
0.245 mi.  
1291 ft.**

**TEXACO #61-106-0186  
22232 WILMINGTON AVE  
CARSON, CA 90746**

**Site 3 of 7 in cluster N**

**CA LUST S107449270  
CA CHMIRS N/A  
CA Cortese  
CA ENF  
CA HAZNET  
CA CERS**

**Relative:  
Higher**

LUST:

**Actual:  
24 ft.**

Name: TEXACO #61-106-0186  
Address: 22232 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90746  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603703122](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703122)  
Global Id: T0603703122  
Latitude: 33.8253574  
Longitude: -118.2420634  
Status: Open - Remediation  
Status Date: 03/15/2010  
Case Worker: ALT  
RB Case Number: I-05891  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board  
Local Case Number: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon  
Site History: Not reported

LUST:

Global Id: T0603703122  
Contact Type: Regional Board Caseworker  
Contact Name: ADAM TAING  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 West 4th Street  
City: LOS ANGELES  
Email: adam.taing@waterboards.ca.gov  
Phone Number: 2135766752

Global Id: T0603703122  
Contact Type: Local Agency Caseworker  
Contact Name: JOHN AWUJO  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S FREMONT AVE  
City: ALHAMBRA  
Email: jawujo@dpw.lacounty.gov  
Phone Number: 6264583507

LUST:

Global Id: T0603703122  
Action Type: ENFORCEMENT  
Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603703122

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Action Type: RESPONSE  
Date: 04/15/2009  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2015  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703122  
Action Type: ENFORCEMENT  
Date: 12/10/2018  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Sensitive Receptor Survey Report

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 12/20/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Action: Soil and Water Investigation Report

Global Id: T0603703122

Action Type: RESPONSE

Date: 04/15/2003

Action: Soil and Water Investigation Report

Global Id: T0603703122

Action Type: ENFORCEMENT

Date: 03/24/2004

Action: Staff Letter

Global Id: T0603703122

Action Type: ENFORCEMENT

Date: 03/15/2010

Action: Staff Letter

Global Id: T0603703122

Action Type: RESPONSE

Date: 07/15/2002

Action: Other Report / Document

Global Id: T0603703122

Action Type: RESPONSE

Date: 11/06/2003

Action: Well Installation Report

Global Id: T0603703122

Action Type: RESPONSE

Date: 04/15/2004

Action: Soil and Water Investigation Report

Global Id: T0603703122

Action Type: RESPONSE

Date: 07/15/2003

Action: Soil and Water Investigation Report

Global Id: T0603703122

Action Type: RESPONSE

Date: 10/04/2010

Action: Soil and Water Investigation Report

Global Id: T0603703122

Action Type: ENFORCEMENT

Date: 03/25/2004

Action: Site Visit / Inspection / Sampling

Global Id: T0603703122

Action Type: ENFORCEMENT

Date: 10/24/2005

Action: 13267 Requirement

Global Id: T0603703122

Action Type: ENFORCEMENT

Date: 03/18/2015

Action: Staff Letter



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Global Id:	T0603703122
Action Type:	Other
Date:	10/01/1993
Action:	Leak Discovery
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	10/15/2003
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2016
Action:	Conceptual Site Model
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	07/15/2015
Action:	Conceptual Site Model
Global Id:	T0603703122
Action Type:	ENFORCEMENT
Date:	06/15/2006
Action:	Staff Letter
Global Id:	T0603703122
Action Type:	Other
Date:	10/01/1993
Action:	Leak Stopped
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	07/15/2005
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	02/18/2004
Action:	Soil and Water Investigation Workplan
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	11/12/2004
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Date: 07/15/2011  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2018  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2018  
Action: Well Installation Report

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2017  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2018  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2016  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2019  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2017  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: ENFORCEMENT  
Date: 10/15/2007  
Action: Staff Letter

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Soil and Water Investigation Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Global Id:	T0603703122
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	07/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Soil and Water Investigation Workplan
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2008
Action:	Interim Remedial Action Plan
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2005
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	07/15/2006
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	10/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	10/15/2005
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2008
Action:	Interim Remedial Action Plan - Regulator Responded
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2016
Action:	Well Installation Workplan - Regulator Responded
Global Id:	T0603703122
Action Type:	REMEDIATION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Date: 02/15/2006  
Action: Free Product Removal

Global Id: T0603703122  
Action Type: REMEDIATION  
Date: 05/11/1999  
Action: Free Product Removal

Global Id: T0603703122  
Action Type: REMEDIATION  
Date: 08/18/2014  
Action: Dual Phase Extraction

Global Id: T0603703122  
Action Type: REMEDIATION  
Date: 08/18/2014  
Action: Dual Phase Extraction

Global Id: T0603703122  
Action Type: ENFORCEMENT  
Date: 06/17/2002  
Action: Staff Letter

Global Id: T0603703122  
Action Type: Other  
Date: 11/15/1994  
Action: Leak Reported

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Conceptual Site Model

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/24/2013  
Action: Pilot Study/ Treatability Report

Global Id: T0603703122  
Action Type: ENFORCEMENT  
Date: 10/31/2001  
Action: Staff Letter

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 10/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2013  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2013  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Date: 10/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Soil and Water Investigation Report

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 11/15/2007  
Action: Soil and Water Investigation Workplan

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2013  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 10/15/2013  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2014  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Conceptual Site Model

Global Id: T0603703122  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Global Id:	T0603703122
Action Type:	RESPONSE
Date:	10/15/2008
Action:	Conceptual Site Model
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	07/15/2007
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	07/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2004
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	10/15/2004
Action:	Soil and Water Investigation Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	07/15/2014
Action:	Conceptual Site Model
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	04/28/2015
Action:	Well Destruction Report
Global Id:	T0603703122
Action Type:	RESPONSE
Date:	01/15/2015
Action:	Conceptual Site Model
LUST:	
Global Id:	T0603703122
Status:	Open - Case Begin Date
Status Date:	10/01/1993
Global Id:	T0603703122
Status:	Open - Site Assessment
Status Date:	11/15/1994
Global Id:	T0603703122
Status:	Open - Remediation
Status Date:	10/31/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TEXACO #61-106-0186 (Continued)

S107449270

Global Id: T0603703122  
Status: Open - Site Assessment  
Status Date: 10/31/2001

Global Id: T0603703122  
Status: Open - Site Assessment  
Status Date: 02/18/2004

Global Id: T0603703122  
Status: Open - Site Assessment  
Status Date: 02/14/2006

Global Id: T0603703122  
Status: Open - Site Assessment  
Status Date: 01/15/2008

Global Id: T0603703122  
Status: Open - Remediation  
Status Date: 03/15/2010

CHMIRS:

Name: Not reported  
Address: 22232 SOUTH WILMINGTON AVE  
City,State,Zip: CARSON, CA  
OES Incident Number: 4-2971  
OES notification: 06/07/2004  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Not reported  
Waterway: Not reported  
Spill Site: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Cleanup By:	Fire Dept.
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2004
Agency:	LA Co Fire Dept
Incident Date:	6/7/2004 12:00:00 AM
Admin Agency:	L. A. County Fire Prevention
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	Diesel
Gallons:	10
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Substance was released from a Shell Gas Station.

**CORTESE:**

Name:	TEXACO #61-106-0186
Address:	22232 WILMINGTON AVE
City,State,Zip:	CARSON, CA 90746
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603703122
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - REMEDIATION
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Solid Waste Id No: Not reported  
Waste Management Unit Name: Not reported  
File Name: Active Open

ENF:

Name: TEXACO #61-106-0186  
Address: 22232 WILMINGTON AVE  
City, State, Zip: CARSON, CA 90746  
Region: 4  
Facility Id: 263264  
Agency Name: Texaco Service Station Carson  
Place Type: Facility  
Place Subtype: Not reported  
Facility Type: Not reported  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: Not reported  
Place Longitude: Not reported  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: Not reported  
Complexity: Not reported  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: UST  
Program Category1: TANKS  
Program Category2: TANKS  
# Of Programs: 1  
WDID: I-05891  
Reg Measure Id: 168655  
Reg Measure Type: Unregulated  
Region: 4  
Order #: Not reported  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: Not reported  
Status: Never Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Status Date: 02/20/2013  
Effective Date: Not reported  
Expiration/Review Date: Not reported  
Termination Date: Not reported  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: Not reported  
Direction/Voice: Passive  
Enforcement Id(EID): 229590  
Region: 4  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Staff Enforcement Letter  
Effective Date: 01/31/2000  
Adoption/Issuance Date: Not reported  
Achieve Date: 10/31/2000  
Termination Date: 01/31/2000  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - I-05891  
Description: Level 1 enforcement letter sent 1/31/00 for FTS RAP.  
Program: UST  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

**HAZNET:**

Name: TESORO REFINING & MARKETING/CARSON SHELL#68517  
Address: 22232 WILMINGTON AVE  
City,State,Zip: CARSON, CA 907454308  
Year: 2013  
GEPaid: CAL000321936  
Contact: Lisa Gomez  
Telephone: 2106264994  
Mailing Name: Not reported  
Mailing Address: 19100 RIDGEWOOD PKWY  
Mailing City,St,Zip: SAN ANTONIO, TX 782590000  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 0.231  
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Name: TESORO REFINING & MARKETING/CARSON SHELL#68517  
Address: 22232 WILMINGTON AVE  
City,State,Zip: CARSON, CA 907454308  
Year: 2013  
GEPaid: CAL000321936  
Contact: Lisa Gomez  
Telephone: 2106264994  
Mailing Name: Not reported  
Mailing Address: 19100 RIDGEWOOD PKWY  
Mailing City,St,Zip: SAN ANTONIO, TX 782590000  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Tons: 0.2625  
CA Waste Code: 352-Other organic solids  
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(  
To Include On-Site Treatment And/Or Stabilization)  
Facility County: Los Angeles

Name: TESORO REFINING & MARKETING/CARSON SHELL#68517  
Address: 22232 WILMINGTON AVE  
City,State,Zip: CARSON, CA 907454308  
Year: 2012  
GEPaid: CAL000321936  
Contact: Lisa Gomez  
Telephone: 2106264994  
Mailing Name: Not reported  
Mailing Address: 19100 RIDGEWOOD PKWY  
Mailing City,St,Zip: SAN ANTONIO, TX 782590000  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Tons: 0.2525  
CA Waste Code: 352-Other organic solids  
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(  
To Include On-Site Treatment And/Or Stabilization)  
Facility County: Los Angeles

Name: TESORO REFINING & MARKETING/CARSON SHELL#68517  
Address: 22232 WILMINGTON AVE  
City,State,Zip: CARSON, CA 907454308  
Year: 2012  
GEPaid: CAL000321936  
Contact: Lisa Gomez  
Telephone: 2106264994  
Mailing Name: Not reported  
Mailing Address: 19100 RIDGEWOOD PKWY  
Mailing City,St,Zip: SAN ANTONIO, TX 782590000  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 0.147  
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO #61-106-0186 (Continued)**

**S107449270**

Name: TESORO REFINING & MARKETING/CARSON SHELL#68517  
Address: 22232 WILMINGTON AVE  
City,State,Zip: CARSON, CA 907454308  
Year: 2011  
GEPaid: CAL000321936  
Contact: Lisa Gomez  
Telephone: 2106264994  
Mailing Name: Not reported  
Mailing Address: 19100 RIDGEWOOD PKWY  
Mailing City,St,Zip: SAN ANTONIO, TX 782590000  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 0.273  
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Los Angeles

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

**CERS:**

Name: TEXACO #61-106-0186  
Address: 22232 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90746  
Site ID: 260118  
CERS ID: T0603703122  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: ADAM TAING - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 West 4th Street  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766752

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**N84**  
**WNW**  
**1/8-1/4**  
**0.245 mi.**  
**1291 ft.**

**TESORO SHELL 68517**  
**22232 WILMINGTON AVE**  
**CARSON, CA 90745**

**RCRA NonGen / NLR**    **1024817576**  
**CAL000321936**

**Site 4 of 7 in cluster N**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**24 ft.**

Date form received by agency: 07/06/2007  
Facility name: TESORO SHELL 68517  
Facility address: 22232 WILMINGTON AVE  
CARSON, CA 90745-4308  
EPA ID: CAL000321936  
Mailing address: 19100 RIDGEWOOD PKWY  
SAN ANTONIO, TX 78259-0000  
Contact: BRENDA RAMIREZ  
Contact address: 19100 RIDGEWOOD PKWY  
SAN ANTONIO, TX 78259  
Contact country: Not reported  
Contact telephone: 210-626-5153  
Contact email: BRENDA.RAMIREZ@TSOCORP.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: TESORO REFINING & MARKETING COMPANY  
Owner/operator address: 19100 RIDGEWOOD PKWY  
SAN ANTONIO, TX 78259  
Owner/operator country: Not reported  
Owner/operator telephone: 210-626-6153  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: BRENDA RAMIREZ  
Owner/operator address: 19100 RIDGEWOOD PKWY  
SAN ANTONIO, TX 78259  
Owner/operator country: Not reported  
Owner/operator telephone: 210-626-5153  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO SHELL 68517 (Continued)**

**1024817576**

On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

**N85**  
**WNW**  
**1/8-1/4**  
**0.245 mi.**  
**1291 ft.**

**TEXACO/EQUILON #61-106-0186**  
**22232 WILMINGTON AVE**  
**CARSON, CA 90745**

**CA UST** **U003941959**  
**N/A**

**Site 5 of 7 in cluster N**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

UST:  
Name: TEXACO/EQUILON #61-106-0186  
Address: 22232 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90745  
Facility ID: 26098  
Permitting Agency: LOS ANGELES COUNTY  
Latitude: 33.82595  
Longitude: -118.240333

**N86**  
**WNW**  
**1/8-1/4**  
**0.245 mi.**  
**1291 ft.**

**TEXACO**  
**22232 WILMINGTON AVE**  
**CARSON, CA 90810**

**CA HIST UST** **U001566263**  
**N/A**

**Site 6 of 7 in cluster N**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

HIST UST:  
Name: TEXACO  
Address: 22232 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90810  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000017367  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: BETTY J. HANSON  
Telephone: 2138302570  
Owner Name: TEXACO U.S.A.  
Owner Address: P. O. BOX 3756 - 3350 WILSHIRE  
Owner City,St,Zip: LOS ANGELES, CA 90010  
Total Tanks: 0005  
  
Tank Num: 001  
Container Num: 1  
Year Installed: 1964  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO (Continued)**

**U001566263**

Leak Detection: None  
  
Tank Num: 002  
Container Num: 2  
Year Installed: 1964  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1964  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: 1964  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: 5  
Year Installed: 1964  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

**P87**  
**North**  
**1/8-1/4**  
**0.247 mi.**  
**1304 ft.**

**WATSON LAND CO**  
**2116 220TH**  
**LONG BEACH, CA 90810**

**CA HIST CORTESE** **S105024548**  
**N/A**

**Site 1 of 4 in cluster P**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

HIST CORTESE:  
edr\_fname: WATSON LAND CO  
edr\_fadd1: 2116 220TH  
City,State,Zip: LONG BEACH, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-12198



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P88**  
**North**  
**1/8-1/4**  
**0.247 mi.**  
**1304 ft.**

**LIDO VAN & STORAGE**  
**2116 E 220TH ST**  
**LONG BEACH, CA 90810**

**Site 2 of 4 in cluster P**

**CA SWEEPS UST**  
**CA HIST UST**  
**CA FID UST**  
**CA CERS**

**S101618176**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**SWEEPS UST:**  
Name: LIDO VAN & STORAGE  
Address: 2116 E 220TH ST  
City: LONG BEACH  
Status: Active  
Comp Number: 47259  
Number: 9  
Board Of Equalization: 44-013566  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 1  
SWRCB Tank Id: 19-060-047259-000001  
Tank Status: A  
Capacity: 7000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 1

**HIST UST:**  
Name: LIDO VAN AND STORAGE  
Address: 2116 E 220TH STREET  
City,State,Zip: CARSON, CA 90810  
File Number: 0002759F  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002759F.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported

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

Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIDO VAN & STORAGE (Continued)**

**S101618176**

Container Construction Thickness: Not reported  
Leak Detection: Not reported

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

**CA FID UST:**

Facility ID: 19056691  
Regulated By: UTNKA  
Regulated ID: 00047259  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2136376111  
Mail To: Not reported  
Mailing Address: 2116 E 220TH ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LONG BEACH 90810  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**CERS:**

Name: CALIFORNIA WATER SERVICE - DOM-277  
Address: 2116 E 220TH ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 102133  
CERS ID: 10269676  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 102133  
Site Name: California Water Service - DOM-277  
Violation Date: 05-13-2015  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2  
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.  
Violation Notes: Returned to compliance on 06/02/2015. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 102133  
Site Name: California Water Service - DOM-277  
Violation Date: 07-19-2018  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2  
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIDO VAN & STORAGE (Continued)**

**S101618176**

Violation Notes: Returned to compliance on 07/23/2018. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. 2018 California Environmental Reporting System (CERS) submittal was missing/incomplete/inaccurate: Reviewed CERS submittals submitted on 5/1/18 and found the following needed to be addressed: - The Local Unified Program Agency (UPA/CUPA) phone number should be 323-890-4317 and not 323-890-4000 on facility's consolidated emergency response / contingency plan; - Missing required employee training plan/records for hazardous materials business plan; CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-13-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Frank Umekubo Superintendent CALIFORNIA WATER SERVICE  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 07-02-2015  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: HMBP submitted on 06/02/2015 reviewed and accepted. RTC - documented  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-19-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Victor Banuelos, CPO The owner/operator was advised to update, review, and submit any and all information missing in the California Environmental Reporting System (CERS) online system.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-04-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIDO VAN & STORAGE (Continued)**

**S101618176**

Coordinates:

Site ID: 102133  
Facility Name: California Water Service - DOM-277  
Env Int Type Code: HMBP  
Program ID: 10269676  
Coord Name: Not reported  
Ref Point Type Desc: Unknown  
Latitude: 33.827454  
Longitude: -118.235420

Affiliation:

Affiliation Type Desc: Environmental Contact  
Entity Name: Robert Medina  
Entity Title: Not reported  
Affiliation Address: 2000 S. Tubeway Avenue  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 1720 North First Street  
Affiliation City: San Jose  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95112  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: California Water Service  
Entity Title: Not reported  
Affiliation Address: 1720 North First Street  
Affiliation City: San Jose  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95112  
Affiliation Phone: (800) 750-8200

Affiliation Type Desc: Legal Owner  
Entity Name: CALIFORNIA WATER SERVICE  
Entity Title: Not reported  
Affiliation Address: 1720 North First Street  
Affiliation City: San Jose  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95112  
Affiliation Phone: (310) 257-1400

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LIDO VAN & STORAGE (Continued)**

**S101618176**

Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 90040-3027  
 Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Operator  
 Entity Name: California Water Service Co.  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: (310) 257-1400

Affiliation Type Desc: Identification Signer  
 Entity Name: Robert Medina  
 Entity Title: Environmental Program Manager  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
 Entity Name: California Water Service Company  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**P89**  
**North**  
**1/8-1/4**  
**0.247 mi.**  
**1304 ft.**

**LIDO VAN AND STORAGE**  
**2116 E 220TH ST**  
**CARSON, CA 90810**

**CA HIST UST**    **U001566238**  
**N/A**

**Site 3 of 4 in cluster P**

**Relative:**  
**Higher**

HIST UST:

**Actual:**  
**27 ft.**

Name: LIDO VAN AND STORAGE  
 Address: 2116 E 220TH ST  
 City,State,Zip: CARSON, CA 90810  
 File Number: Not reported  
 URL: Not reported  
 Region: STATE  
 Facility ID: 00000029395  
 Facility Type: Other  
 Other Type: MOVING AND STORAGE  
 Contact Name: LARRY PRATT  
 Telephone: 2136376111  
 Owner Name: LIDO VAN AND STORAGE CO., INC.  
 Owner Address: 2200 ALTON AVE  
 Owner City,St,Zip: IRVINE, CA 92714  
 Total Tanks: 0001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIDO VAN AND STORAGE (Continued)**

**U001566238**

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00007500  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

**P90**  
**North**  
**1/8-1/4**  
**0.247 mi.**  
**1304 ft.**

**LIDO VAN & STORAGE**  
**2116 E 220TH ST**  
**LONG BEACH, CA 90810**  
**Site 4 of 4 in cluster P**

**CA HIST UST** **U001566237**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

HIST UST:  
Name: LIDO VAN & STORAGE  
Address: 2116 E 220TH ST  
City,State,Zip: LONG BEACH, CA 90810  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000047259  
Facility Type: Other  
Other Type: MOVING & STORAGE  
Contact Name: LARRY PRATT  
Telephone: 2136376111  
Owner Name: WATSON INDUSTRIAL PROPERTIES  
Owner Address: 22010 S. WILMINGTON  
Owner City,St,Zip: CARSON, CA 90795  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00007000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: None

**O91**  
**NNW**  
**1/8-1/4**  
**0.248 mi.**  
**1308 ft.**

**NIKLOR CHEMICAL COMPANY INC.**  
**2060 E. 220TH ST.**  
**CARSON, CA 90810**  
**Site 2 of 10 in cluster O**

**CA ENVIROSTOR** **U001565757**  
**CA HIST UST** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**26 ft.**

ENVIROSTOR:  
Name: NIKLOR CHEMICAL COMPANY INC.  
Address: 2060 E. 220TH ST.  
City,State,Zip: CARSON, CA 90810  
Facility ID: 19281226  
Status: Refer: 1248 Local Agency  
Status Date: 05/27/2004  
Site Code: Not reported  
Site Type: Evaluation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL COMPANY INC. (Continued)**

**U001565757**

Site Type Detailed: Evaluation  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not Applicable  
Latitude: 33.82753  
Longitude: -118.2371  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 19281226  
Alias Type: Envirostor ID Number

Completed Info:

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

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

HIST UST:

Name: NIKLOR CHEMICAL CO. IN.  
Address: 2060 E 220TH ST  
City,State,Zip: CARSON, CA 90745  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000021000  
Facility Type: Other  
Other Type: CHEMICAL MFG.  
Contact Name: JOHN M. WILHELM  
Telephone: 2138302253  
Owner Name: NIKLOR CHEMICAL CO., INC.  
Owner Address: 2060 E. 220TH STREET  
Owner City,St,Zip: CARSON, CA 90745  
Total Tanks: 0006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL COMPANY INC. (Continued)**

**U001565757**

Tank Num: 001  
Container Num: 121  
Year Installed: 1974  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 1/4  
Leak Detection: None

Tank Num: 002  
Container Num: 012  
Year Installed: 1969  
Tank Capacity: 00001200  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: None

Tank Num: 003  
Container Num: 013  
Year Installed: 1970  
Tank Capacity: 00002000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Not reported

Tank Num: 004  
Container Num: 120  
Year Installed: 1974  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 1/4  
Leak Detection: None

Tank Num: 005  
Container Num: 095  
Year Installed: 1972  
Tank Capacity: 00001500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3  
Leak Detection: None

Tank Num: 006  
Container Num: 011  
Year Installed: 1969  
Tank Capacity: 00001200  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: None



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**O92**      **NIKLOR CHEMICAL CO., INC.**  
**NNW**      **2060 E 220TH STREET**  
**1/8-1/4**    **LONG BEACH, CA 90810**  
**0.248 mi.**  
**1308 ft.**    **Site 3 of 10 in cluster O**

**SEMS-ARCHIVE**    **1000290751**  
**CORRACTS**        **CAD008392052**  
**RCRA-TSDF**  
**RCRA NonGen / NLR**  
**CA HAZNET**  
**CA HWP**  
**CA CERS**

**Relative:**  
**Higher**

**Actual:**  
**26 ft.**

SEMS Archive:  
 Site ID:                    0900308  
 EPA ID:                    CAD008392052  
 Cong District:            32  
 FIPS Code:                06037  
 FF:                         N  
 NPL:                        Not on the NPL  
 Non NPL Status:         NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:                    09  
 Site ID:                    0900308  
 EPA ID:                    CAD008392052  
 Site Name:                NIKLOR CHEMICAL CO INC  
 NPL:                        N  
 FF:                         N  
 OU:                         00  
 Action Code:              VS  
 Action Name:              ARCH SITE  
 SEQ:                        1  
 Start Date:                Not reported  
 Finish Date:               1996-01-23 05:00:00  
 Qual:                        Not reported  
 Current Action Lead:     EPA Perf In-Hse

Region:                    09  
 Site ID:                    0900308  
 EPA ID:                    CAD008392052  
 Site Name:                NIKLOR CHEMICAL CO INC  
 NPL:                        N  
 FF:                         N  
 OU:                         00  
 Action Code:              DS  
 Action Name:              DISCVRY  
 SEQ:                        1  
 Start Date:                1990-08-24 04:00:00  
 Finish Date:               1990-08-24 04:00:00  
 Qual:                        Not reported  
 Current Action Lead:     EPA Perf

Region:                    09  
 Site ID:                    0900308  
 EPA ID:                    CAD008392052  
 Site Name:                NIKLOR CHEMICAL CO INC  
 NPL:                        N  
 FF:                         N  
 OU:                         00  
 Action Code:              PA  
 Action Name:              PA  
 SEQ:                        1  
 Start Date:                Not reported  
 Finish Date:               1991-07-16 04:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO., INC. (Continued)**

**1000290751**

Qual: D  
Current Action Lead: EPA Perf

**CORRACTS:**

EPA ID: CAD008392052  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19910716  
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority  
NAICS Code(s): 32532  
Pesticide and Other Agricultural Chemical Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

**RCRA-TSDF:**

Date form received by agency: 09/24/1993  
Facility name: NIKLOR CHEMICAL CO., INC.  
Facility address: 2060 E 220TH STREET  
LONG BEACH, CA 90810  
EPA ID: CAD008392052  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: NIKLOR CHEMICAL CO INC.  
Owner/operator address: 2060 E 220TH STREET  
LONG BEACH, CA 90810  
Owner/operator country: Not reported  
Owner/operator telephone: 213-830-2253  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
Owner/operator name: NIKLOR CHEMICAL CO INC.  
Owner/operator address: 2060 E 220TH STREET  
CITY NOT REPORTED, CA 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 213-830-2253  
Owner/operator email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO., INC. (Continued)**

**1000290751**

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/27/1981  
Site name: NIKLOR CHEMICAL CO., INC.  
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 01/01/1990  
Event: LEAD AGENCY DETERMINATION  
  
Event date: 07/16/1991  
Event: NCAPS RANKING/PRIORITY  
  
Event date: 07/16/1991  
Event: CA PRIORITIZATION-LOW CA PRIORITY  
  
Event date: 07/16/1991  
Event: PA OR CERCLA INSPECTION

Facility Has Received Notices of Violations:

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 04/25/1989  
Date achieved compliance: 04/25/1989  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 11/01/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 25000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO., INC. (Continued)**

**1000290751**

Paid penalty amount: 25000  
  
Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 02/22/1988  
Date achieved compliance: 03/03/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/02/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 02/08/1988  
Date achieved compliance: 03/03/1988  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 77500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 04/27/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/25/1989  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 04/25/1989  
Evaluation lead agency: State

Evaluation date: 02/22/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 03/03/1988  
Evaluation lead agency: State

Evaluation date: 02/08/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 03/03/1988  
Evaluation lead agency: State

RCRA NonGen / NLR:  
Date form received by agency: 09/24/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO., INC. (Continued)**

**1000290751**

Facility name: NIKLOR CHEMICAL CO., INC.  
Facility address: 2060 E 220TH STREET  
LONG BEACH, CA 90810  
EPA ID: CAD008392052  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: TSD  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NIKLOR CHEMICAL CO INC.  
Owner/operator address: 2060 E 220TH STREET  
LONG BEACH, CA 90810  
Owner/operator country: Not reported  
Owner/operator telephone: 213-830-2253  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
Owner/operator name: NIKLOR CHEMICAL CO INC.  
Owner/operator address: 2060 E 220TH STREET  
CITY NOT REPORTED, CA 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 213-830-2253  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO., INC. (Continued)**

**1000290751**

User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/27/1981  
Site name: NIKLOR CHEMICAL CO., INC.  
Classification: Not a generator, verified

Corrective Action Summary:

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

Event date: 07/16/1991  
Event: NCAPS RANKING/PRIORITY

Event date: 07/16/1991  
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 07/16/1991  
Event: PA OR CERCLA INSPECTION

Facility Has Received Notices of Violations:

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 04/25/1989  
Date achieved compliance: 04/25/1989  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 11/01/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 25000  
Paid penalty amount: 25000

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 02/22/1988  
Date achieved compliance: 03/03/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/02/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 02/08/1988

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO., INC. (Continued)**

**1000290751**

Date achieved compliance: 03/03/1988  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 77500  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

**Evaluation Action Summary:**

Evaluation date: 04/27/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/25/1989  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 04/25/1989  
Evaluation lead agency: State

Evaluation date: 02/22/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 03/03/1988  
Evaluation lead agency: State

Evaluation date: 02/08/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 03/03/1988  
Evaluation lead agency: State

**HAZNET:**

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2005  
GEPaid: CAD008392052  
Contact: STEPHEN N WILHELM  
Telephone: 6618242494  
Mailing Name: Not reported  
Mailing Address: 1667 PURDY AVE  
Mailing City,St,Zip: MOJAVE, CA 935010000  
Gen County: Los Angeles  
TSD EPA ID: UTD981552177  
TSD County: 99  
Tons: 0.165  
CA Waste Code: 331-Off-specification, aged or surplus organics  
Method: T03-Treatment, Incineration  
Facility County: Los Angeles

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO., INC. (Continued)**

**1000290751**

City,State,Zip: LONG BEACH, CA 908100000  
Year: 2005  
GEPaid: CAD008392052  
Contact: STEPHEN N WILHELM  
Telephone: 6618242494  
Mailing Name: Not reported  
Mailing Address: 1667 PURDY AVE  
Mailing City,St,Zip: MOJAVE, CA 935010000  
Gen County: Los Angeles  
TSD EPA ID: UTD981552177  
TSD County: 99  
Tons: 0.075  
CA Waste Code: 352-Other organic solids  
Method: T03-Treatment, Incineration  
Facility County: Los Angeles

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2005  
GEPaid: CAD008392052  
Contact: STEPHEN N WILHELM  
Telephone: 6618242494  
Mailing Name: Not reported  
Mailing Address: 1667 PURDY AVE  
Mailing City,St,Zip: MOJAVE, CA 935010000  
Gen County: Los Angeles  
TSD EPA ID: CAD980675276  
TSD County: Kern  
Tons: 5.8996  
CA Waste Code: 181-Other inorganic solid waste  
Method: T01-Treatment, Tank  
Facility County: Los Angeles

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2002  
GEPaid: CAD008392052  
Contact: STEPHEN N WILHELM  
Telephone: 6618242494  
Mailing Name: Not reported  
Mailing Address: 1667 PURDY AVE  
Mailing City,St,Zip: MOJAVE, CA 935010000  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 6.3  
CA Waste Code: 135-Unspecified aqueous solution  
Method: R01-Recycler  
Facility County: Los Angeles

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2001  
GEPaid: CAD008392052



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO., INC. (Continued)**

**1000290751**

Contact: STEPHEN N WILHELM  
Telephone: 6618242494  
Mailing Name: Not reported  
Mailing Address: 1667 PURDY AVE  
Mailing City,St,Zip: MOJAVE, CA 935010000  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 10.08  
CA Waste Code: 135-Unspecified aqueous solution  
Method: R01-Recycler  
Facility County: Los Angeles

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

**HWP:**

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: LONG BEACH, CA 908100000  
EPA Id: CAD008392052  
Cleanup Status: PROTECTIVE FILER  
Latitude: 33.82750  
Longitude: -118.2371  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 64  
Senate District: 35  
Public Information Officer: Not reported  
Public Information Officer: Not reported

**Activities:**

EPA Id: CAD008392052  
Facility Type: Historical - Non-Operating  
Unit Names: OBOD1  
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)  
Actual Date: 09/25/1991

EPA Id: CAD008392052  
Facility Type: Historical - Non-Operating  
Unit Names: OBOD1  
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)  
Actual Date: 02/15/1989

**CERS:**

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: LONG BEACH, CA 908100000  
Site ID: 244209  
CERS ID: CAD008392052  
CERS Description: Hazardous Waste

**Affiliation:**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NIKLOR CHEMICAL CO., INC. (Continued)**

**1000290751**

Affiliation Type Desc: Facility Contact  
 Entity Name: STEPHEN N WILHELM  
 Entity Title: Not reported  
 Affiliation Address: 1667 PURDY RD  
 Affiliation City: MOJAVE  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 93501  
 Affiliation Phone: 6618242494

Affiliation Type Desc: Facility Owner  
 Entity Name: NIKLOR CHEMICAL CO INC  
 Entity Title: Not reported  
 Affiliation Address: 1667 PURDY RD  
 Affiliation City: MOJAVE  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 935017403  
 Affiliation Phone: 6618242494

**O93  
 NNW  
 1/8-1/4  
 0.248 mi.  
 1308 ft.**

**NIKLOR CHEMICAL CO INC  
 2060 E 220TH ST  
 LONG BEACH, CA 90810  
 Site 4 of 10 in cluster O**

**CA UST U004050585  
 N/A**

**Relative:  
 Higher  
 Actual:  
 26 ft.**

UST:  
 Name: NIKLOR CHEMICAL CO INC  
 Address: 2060 E 220TH ST  
 City,State,Zip: LONG BEACH, CA 90810  
 Facility ID: 6532  
 Permitting Agency: LONG BEACH, CITY OF  
 Latitude: 33.8288589  
 Longitude: -118.235764

**O94  
 NNW  
 1/8-1/4  
 0.248 mi.  
 1308 ft.**

**NIKLOR CHEMICAL CO INC  
 2060 E 220TH ST  
 CARSON, CA 90810  
 Site 5 of 10 in cluster O**

**CA SWEEPS UST 1007288049  
 FTTS N/A  
 HIST FTTS  
 CA LOS ANGELES CO. HMS**

**Relative:  
 Higher  
 Actual:  
 26 ft.**

SWEEPS UST:  
 Name: NIKLOR CHEMICAL CO INC  
 Address: 2060 E 220TH ST  
 City: CARSON  
 Status: Active  
 Comp Number: 6532  
 Number: 9  
 Board Of Equalization: 44-008097  
 Referral Date: 06-30-89  
 Action Date: Not reported  
 Created Date: 06-30-89  
 Owner Tank Id: Not reported  
 SWRCB Tank Id: 19-000-006532-000001  
 Tank Status: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO INC (Continued)**

**1007288049**

Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: 6

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City: CARSON  
Status: Active  
Comp Number: 6532  
Number: 9  
Board Of Equalization: 44-008097  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006532-000002  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City: CARSON  
Status: Active  
Comp Number: 6532  
Number: 9  
Board Of Equalization: 44-008097  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006532-000003  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City: CARSON  
Status: Active  
Comp Number: 6532  
Number: 9  
Board Of Equalization: 44-008097  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO INC (Continued)**

**1007288049**

Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006532-000004  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City: CARSON  
Status: Active  
Comp Number: 6532  
Number: 9  
Board Of Equalization: 44-008097  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006532-000005  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City: CARSON  
Status: Active  
Comp Number: 6532  
Number: 9  
Board Of Equalization: 44-008097  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006532-000006  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

**FTTS INSP:**

Inspection Number: 20030101SC 63  
Region: 11  
Inspection Date: 01/01/03  
Inspector: Not reported  
Violation occurred: Yes  
Investigation Type: EPCRA, Data Quality, Federal Conducted

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NIKLOR CHEMICAL CO INC (Continued)**

**1007288049**

Investigation Reason: For Cause, Violation  
Legislation Code: EPCRA  
Facility Function: Manufacturer

**HIST FTTS INSP:**

Inspection Number: 20030101SC 63  
Region: 11  
Inspection Date: Not reported  
Inspector: Not reported  
Violation occurred: Yes  
Investigation Type: EPCRA, Data Quality, Federal Conducted  
Investigation Reason: For Cause, Violation  
Legislation Code: EPCRA  
Facility Function: Manufacturer

**LOS ANGELES CO. HMS:**

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: CARSON, CA 908101695  
Region: LA  
Permit Category: T  
Facility Id: 006314-006532  
Facility Type: 0  
Facility Status: Closed  
Area: 22  
Permit Number: 00001839T  
Permit Status: Closed

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: CARSON, CA 908101695  
Region: LA  
Permit Category: S  
Facility Id: 006314-047332  
Facility Type: S6  
Facility Status: Closed  
Area: 22  
Permit Number: CGI002130  
Permit Status: Closed

Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: CARSON, CA 908101695  
Region: LA  
Permit Category: I  
Facility Id: 006314-106532  
Facility Type: 01  
Facility Status: Closed  
Area: 22  
Permit Number: 000003483  
Permit Status: Closed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

O95  
NNW  
1/8-1/4  
0.248 mi.  
1308 ft.

**NIKLOR CHEMICAL CO INC**  
**2060 E 220TH ST**  
**LONG BEACH, CA 90810**

**CA ENVIROSTOR** **S118757540**  
**N/A**

**Site 6 of 10 in cluster O**

**Relative:**  
**Higher**  
**Actual:**  
**26 ft.**

ENVIROSTOR:  
Name: NIKLOR CHEMICAL CO INC  
Address: 2060 E 220TH ST  
City,State,Zip: LONG BEACH, CA 908100000  
Facility ID: 80001581  
Status: No Action Required  
Status Date: 06/19/2013  
Site Code: Not reported  
Site Type: Corrective Action  
Site Type Detailed: Corrective Action  
Acres: 0  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: \* Unknown  
Division Branch: Cleanup Chatsworth  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.82750  
Longitude: -118.2371  
APN: 7316027017  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 7316027017  
Alias Type: APN  
Alias Name: CAD008392052  
Alias Type: EPA Identification Number  
Alias Name: 80001581  
Alias Type: Envirostor ID Number

Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 07/16/1991  
Comments: Not reported  
  
Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**Q96**  
**NNE**  
**1/8-1/4**  
**0.248 mi.**  
**1310 ft.**

**CCL TUBE INC**  
**2250 E 220TH ST**  
**CARSON, CA 90810**

**RCRA NonGen / NLR**    **1024822730**  
**CAL000341535**

**Site 1 of 2 in cluster Q**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**27 ft.**

Date form received by agency: 03/20/2009  
Facility name: CCL TUBE INC  
Facility address: 2250 E 220TH ST  
CARSON, CA 90810-1638  
EPA ID: CAL000341535  
Contact: RON HARRIMAN  
Contact address: 2250 E 220TH ST  
CARSON, CA 90810  
Contact country: Not reported  
Contact telephone: 310-635-4444  
Contact email: RHARRIMAN@CCLIND.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: RON HARRIMAN  
Owner/operator address: 2250 E 220TH ST  
CARSON, CA 90810  
Owner/operator country: Not reported  
Owner/operator telephone: 310-635-4444  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: CCL TUBE INC  
Owner/operator address: 2250 E 220TH ST  
CARSON, CA 90810  
Owner/operator country: Not reported  
Owner/operator telephone: 310-635-4444  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE INC (Continued)**

**1024822730**

Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

**Q97  
NNE  
1/8-1/4  
0.248 mi.  
1310 ft.**

**CCL TUBE  
2250 E 220TH ST  
CARSON, CA 90810  
Site 2 of 2 in cluster Q**

**CA CERS HAZ WASTE  
CA LOS ANGELES CO. HMS  
CA NPDES  
CA CIWQS  
CA CERS**

**S108419236  
N/A**

**Relative:  
Higher  
Actual:  
27 ft.**

CERS HAZ WASTE:  
Name: CCL TUBE  
Address: 2250 E 220TH ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 17197  
CERS ID: 10272130  
CERS Description: Hazardous Waste Generator

LOS ANGELES CO. HMS:  
Name: WATSON LAND CO  
Address: 2250 E 220TH ST  
City,State,Zip: CARSON, CA 908101638  
Region: LA  
Permit Category: I  
Facility Id: 031298-048237  
Facility Type: S4  
Facility Status: Permit  
Area: 22  
Permit Number: 000546342  
Permit Status: Permit

Name: CCL TUBE INC  
Address: 2250 E 220TH ST  
City,State,Zip: CARSON, CA 908101638  
Region: LA  
Permit Category: I  
Facility Id: 031298-051494  
Facility Type: 01  
Facility Status: Permit  
Area: 22  
Permit Number: 000020327  
Permit Status: Permit

Name: CCL TUBE INC  
Address: 2250 E 220TH ST  
City,State,Zip: CARSON, CA 908101638  
Region: LA  
Permit Category: Not reported  
Facility Id: 031298-054757  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 22



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Permit Number: Not reported  
Permit Status: Not reported

NPDES:

Name: CCL TUBE  
Address: 2250 E 220TH ST  
City,State,Zip: CARSON, CA 90810  
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 19I022032  
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: 02/11/2009  
Operator Name: CCL Tube  
Operator Address: 2250 E 220th St  
Operator City: Carson  
Operator State: California  
Operator Zip: 90810

NPDES as of 03/2018:

NPDES Number: Not reported  
Status: Not reported  
Agency Number: Not reported  
Region: 4  
Regulatory Measure ID: 359736  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 4 19I022032  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 01/16/2009  
Processed Date: 02/11/2009  
Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Status Date:	02/11/2009
Place Size:	224770
Place Size Unit:	SqFt
Contact:	Ron Harriman
Contact Title:	Director Product Development
Contact Phone:	310-635-4444
Contact Phone Ext:	106
Contact Email:	rharriman@cclind.com
Operator Name:	CCL Tube
Operator Address:	2250 E 220th St
Operator City:	Carson
Operator State:	California
Operator Zip:	90810
Operator Contact:	Ron Harriman
Operator Contact Title:	Director Product Development
Operator Contact Phone:	310-635-4444
Operator Contact Phone Ext:	106
Operator Contact Email:	rharriman@cclind.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	dominquez channel
Certifier:	Ron Harriman
Certifier Title:	Director Product Development
Certification Date:	08-APR-15
Primary Sic:	3085-Plastics Bottles
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Region: 4  
Regulatory Measure ID: 359736  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I022032  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 02/11/2009  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: CCL Tube  
Discharge Address: 2250 E 220th St  
Discharge City: Carson  
Discharge State: California  
Discharge Zip: 90810  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

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

Name: CCL TUBE  
Address: 2250 E 220TH ST  
City,State,Zip: CARSON, CA 90810  
Facility Status: Active  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 359736  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19I022032  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 02/11/2009  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 2250 E 220th St  
Discharge Name: CCL Tube  
Discharge City: Carson  
Discharge State: California  
Discharge Zip: 90810  
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: 359736  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 4 19I022032  
Program Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 01/16/2009  
Processed Date: 02/11/2009  
Status: Active  
Status Date: 02/11/2009  
Place Size: 224770  
Place Size Unit: SqFt  
Contact: Ron Harriman  
Contact Title: Director Product Development  
Contact Phone: 310-635-4444  
Contact Phone Ext: 106  
Contact Email: rharriman@cclind.com  
Operator Name: CCL Tube  
Operator Address: 2250 E 220th St  
Operator City: Carson  
Operator State: California  
Operator Zip: 90810  
Operator Contact: Ron Harriman  
Operator Contact Title: Director Product Development  
Operator Contact Phone: 310-635-4444  
Operator Contact Phone Ext: 106  
Operator Contact Email: rharriman@cclind.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: Not reported  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Dir Discharge Uswater Ind: N  
Receiving Water Name: dominquez channel  
Certifier: Ron Harriman  
Certifier Title: Director Product Development  
Certification Date: 08-APR-15  
Primary Sic: 3085-Plastics Bottles  
Secondary Sic: Not reported  
Tertiary Sic: Not reported  
  
NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 359736  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I022032  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 02/11/2009  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: CCL Tube  
Discharge Address: 2250 E 220th St  
Discharge City: Carson  
Discharge State: California  
Discharge Zip: 90810  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

**CIWQS:**

Name:	CCL TUBE
Address:	2250 E 220TH ST
City,State,Zip:	CARSON, CA 90810
Agency:	CCL Tube
Agency Address:	2250 E 220th St, Carson, CA 90810
Place/Project Type:	Industrial - Plastics Bottles
SIC/NAICS:	3085
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I022032
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	02/11/2009
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	2
Latitude:	33.82792
Longitude:	-118.23252

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

**CERS:**

Name: CCL TUBE  
Address: 2250 E 220TH ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 17197  
CERS ID: 10272130  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 12-14-2018  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.  
Violation Notes: Returned to compliance on 01/10/2019. OBSERVATION: The following container of hazardous waste was observed with incomplete or no hazardous waste (HW) label: HW storage area walk-in cabinet ? located at back exterior parking lot: - 1 x 55-gallon drum containing HW waste inks was observed without a HW label (NOV); CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 10-25-2018  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient Report  
Violation Notes: Monthly Non-Storm Water Discharge (NSWD) visual observations and/or reports have not been conducted since November 2017.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 12-14-2018  
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174  
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.  
Violation Notes: Returned to compliance on 01/10/2019. OBSERVATION: Observed accumulation of debris and liquids in internal area of secondary compartment pallets holding hazardous waste drums/containers at hazardous waste storage area located at back exterior parking lot. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the area listed above has been properly cleaned .  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 02-18-2009  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: 123 mg/L of COD was detected at "Discharge1" on 2/18/09.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 12-14-2018  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2  
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.  
Violation Notes: OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. 2018 California Environmental Reporting System (CERS) submittal was missing; Reviewed CERS submittals submitted on 3/6/18 and found the following needed to be addressed: - Not using the most up-to-date form to complete facility's Consolidated Emergency Response / Contingency Plan (CER/CP); Old CER/CP form was used - please use attached Rev. 03/07/17 CER/CP form; - Inaccurate reported quantities for hazardous wastes and hazardous materials on the Hazardous Materials and Waste Inventory Matrix Report; CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 10-25-2018  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: BMP Violations: 1. Staff observed oil and dark dust near the discharge point located at the loading docks. 2. Staff observed a NSWDC coming from either the roof or nearby disposal waste container with murky water. 3. Staff observed accumulated sediment and debris near discharge point.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Evaluation:  
Eval General Type: Other/Unknown  
Eval Date: 01-17-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-29-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Ron Harriman - Director of Engineering and Product Development, gave consent for the inspection. Robert Garfio - Project Engineer Ron and Robert accompanied the CUPA inspector during the walk through inspection. No violations observed.

Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-29-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Ron Harriman - Director of Engineering and Product Development, gave consent for the inspection. Robert Garfio - Project Engineer Ron and Robert accompanied the CUPA inspector during the walk through inspection. No violations observed.

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-25-2018  
Violations Found: Yes  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: A full compliance inspection was conducted on-site. The project had minor violations during the time of inspection and a NOV was issued (see attached report for more details). SWPPP Violations: 1. Monthly Non-Storm Water Discharge (NSWD) visual observations and/or reports have not been conducted since November 2017. BMP Violations: 1. Staff observed oil and dark dust near the discharge point located at the loading docks. 2. Staff observed a NSWD coming from either the roof or nearby disposal waste container with murky water. 3. Staff observed accumulated sediment and debris near discharge point.

Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-14-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Ron Harriman, Director of Engineering & Product Development  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-14-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Ron Harriman, Director of Engineering & Product Development

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Enforcement Action:

Site ID: 17197  
Site Name: CCL TUBE  
Site Address: 2250 E 220TH ST  
Site City: CARSON  
Site Zip: 90810  
Enf Action Date: 06-17-2010  
Enf Action Type: Staff Enforcement Letter  
Enf Action Description: Staff Enforcement Letter  
Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that the permittee will develop and implement the BMPs to reduce or prevent pollutants in SW discharges. Letter also required permittee to submit evidence of implemented additional BMPs and SWPPP amendments if the permittee is already implementing the BMPs.

Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 17197  
Site Name: CCL TUBE  
Site Address: 2250 E 220TH ST  
Site City: CARSON  
Site Zip: 90810  
Enf Action Date: 11-15-2018  
Enf Action Type: Notice of Violation  
Enf Action Description: Notice of Violation  
Enf Action Notes: SWPPP Violations: 1. Monthly Non-Storm Water Discharge (NSWD) visual observations and/or reports have not been conducted since November 2017. BMP Violations: 1. Staff observed oil and dark dust near the discharge point located at the loading docks. 2. Staff observed a NSWD coming from either the roof or nearby disposal waste container with murky water. 3. Staff observed accumulated sediment and debris near discharge point.

Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Coordinates:

Site ID: 17197  
Facility Name: CCL TUBE  
Env Int Type Code: HWG  
Program ID: 10272130  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.827020  
Longitude: -118.233530

Affiliation:

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2250 E 220TH ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Andy Iseli  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 241-7719

Affiliation Type Desc: Owner/Operator  
Entity Name: CCL Tube  
Entity Title: Operator  
Affiliation Address: 2250 E 220th St  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: Watson Land Company  
Entity Title: Not reported  
Affiliation Address: 22010 Wilmington Ave Unit 400  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90745  
Affiliation Phone: (310) 952-6400

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Document Preparer  
Entity Name: ROBERT GARFIO  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Entity Name: CCL Industries  
Entity Title: Not reported  
Affiliation Address: 161 Worcester Rd Unit 502  
Affiliation City: Framingham  
Affiliation State: MA  
Affiliation Country: United States  
Affiliation Zip: 01701  
Affiliation Phone: (508) 872-4511

Affiliation Type Desc: Parent Corporation  
Entity Name: CCL TUBE  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: RON HARRIMAN  
Entity Title: Not reported  
Affiliation Address: 2250 E 220TH ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: RON HARRIMAN  
Entity Title: DIRECTOR OF PRODUCT DEVELOPMENT  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: CCL TUBE  
Address: 2250 E 220TH ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 17197  
CERS ID: 732012  
CERS Description: Industrial Facility Storm Water

Violations:  
Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 12-14-2018  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Violation Notes: Returned to compliance on 01/10/2019. OBSERVATION: The following container of hazardous waste was observed with incomplete or no hazardous waste (HW) label: HW storage area walk-in cabinet ? located at back exterior parking lot: - 1 x 55-gallon drum containing HW waste inks was observed without a HW label (NOV); CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 10-25-2018  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient Report  
Violation Notes: Monthly Non-Storm Water Discharge (NSWD) visual observations and/or reports have not been conducted since November 2017.

Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 12-14-2018  
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174

Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.

Violation Notes: Returned to compliance on 01/10/2019. OBSERVATION: Observed accumulation of debris and liquids in internal area of secondary compartment pallets holding hazardous waste drums/containers at hazardous waste storage area located at back exterior parking lot. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the area listed above has been properly cleaned .

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 02-18-2009  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: 123 mg/L of COD was detected at "Discharge1" on 2/18/09.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 12-14-2018  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Violation Notes: OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. 2018 California Environmental Reporting System (CERS) submittal was missing; Reviewed CERS submittals submitted on 3/6/18 and found the following needed to be addressed: - Not using the most up-to-date form to complete facility's Consolidated Emergency Response / Contingency Plan (CER/CP); Old CER/CP form was used - please use attached Rev. 03/07/17 CER/CP form; - Inaccurate reported quantities for hazardous wastes and hazardous materials on the Hazardous Materials and Waste Inventory Matrix Report; CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 17197  
Site Name: CCL TUBE  
Violation Date: 10-25-2018  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: BMP Violations: 1. Staff observed oil and dark dust near the discharge point located at the loading docks. 2. Staff observed a NSWD coming from either the roof or nearby disposal waste container with murky water. 3. Staff observed accumulated sediment and debris near discharge point.

Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

**Evaluation:**

Eval General Type: Other/Unknown  
Eval Date: 01-17-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-29-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Ron Harriman - Director of Engineering and Product Development, gave consent for the inspection. Robert Garfio - Project Engineer Ron and Robert accompanied the CUPA inspector during the walk through inspection. No violations observed.

Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-29-2015  
Violations Found: No  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Eval Notes: Ron Harriman - Director of Engineering and Product Development, gave consent for the inspection. Robert Garfio - Project Engineer Ron and Robert accompanied the CUPA inspector during the walk through inspection. No violations observed.

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-25-2018  
Violations Found: Yes

Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: A full compliance inspection was conducted on-site. The project had minor violations during the time of inspection and a NOV was issued (see attached report for more details). SWPPP Violations: 1. Monthly Non-Storm Water Discharge (NSWD) visual observations and/or reports have not been conducted since November 2017. BMP Violations: 1. Staff observed oil and dark dust near the discharge point located at the loading docks. 2. Staff observed a NSWD coming from either the roof or nearby disposal waste container with murky water. 3. Staff observed accumulated sediment and debris near discharge point.

Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-14-2018  
Violations Found: Yes

Eval Type: Routine done by local agency  
Eval Notes: Ron Harriman, Director of Engineering & Product Development  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-14-2018  
Violations Found: Yes

Eval Type: Routine done by local agency  
Eval Notes: Ron Harriman, Director of Engineering & Product Development  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

**Enforcement Action:**

Site ID: 17197  
Site Name: CCL TUBE  
Site Address: 2250 E 220TH ST  
Site City: CARSON  
Site Zip: 90810  
Enf Action Date: 06-17-2010

Enf Action Type: Staff Enforcement Letter  
Enf Action Description: Staff Enforcement Letter

Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that the permittee will develop and implement the BMPs to reduce or prevent pollutants in SW discharges. Letter also required permittee to submit evidence of implemented additional BMPs and SWPPP amendments if the permittee is already implementing the BMPs.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Site ID: 17197  
Site Name: CCL TUBE  
Site Address: 2250 E 220TH ST  
Site City: CARSON  
Site Zip: 90810  
Enf Action Date: 11-15-2018  
Enf Action Type: Notice of Violation  
Enf Action Description: Notice of Violation  
Enf Action Notes: SWPPP Violations: 1. Monthly Non-Storm Water Discharge (NSWD) visual observations and/or reports have not been conducted since November 2017. BMP Violations: 1. Staff observed oil and dark dust near the discharge point located at the loading docks. 2. Staff observed a NSWD coming from either the roof or nearby disposal waste container with murky water. 3. Staff observed accumulated sediment and debris near discharge point.

Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Coordinates:  
Site ID: 17197  
Facility Name: CCL TUBE  
Env Int Type Code: HWG  
Program ID: 10272130  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.827020  
Longitude: -118.233530

Affiliation:  
Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2250 E 220TH ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Andy Iseli  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 241-7719

Affiliation Type Desc: Owner/Operator  
Entity Name: CCL Tube

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Entity Title: Operator  
Affiliation Address: 2250 E 220th St  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: Watson Land Company  
Entity Title: Not reported  
Affiliation Address: 22010 Wilmington Ave Unit 400  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90745  
Affiliation Phone: (310) 952-6400

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Document Preparer  
Entity Name: ROBERT GARFIO  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: CCL Industries  
Entity Title: Not reported  
Affiliation Address: 161 Worcester Rd Unit 502  
Affiliation City: Framingham  
Affiliation State: MA  
Affiliation Country: United States  
Affiliation Zip: 01701  
Affiliation Phone: (508) 872-4511

Affiliation Type Desc: Parent Corporation  
Entity Name: CCL TUBE  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CCL TUBE (Continued)**

**S108419236**

Affiliation Type Desc: Environmental Contact  
Entity Name: RON HARRIMAN  
Entity Title: Not reported  
Affiliation Address: 2250 E 220TH ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: RON HARRIMAN  
Entity Title: DIRECTOR OF PRODUCT DEVELOPMENT  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**O98**  
**NNW**  
**1/8-1/4**  
**0.249 mi.**  
**1315 ft.**

**STANDARD METALS**  
**2032 E 220TH ST**  
**CARSON, CA 90810**  
**Site 7 of 10 in cluster O**

**CA AST A100424841**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

AST:  
Name: STANDARD METALS  
Address: 2032 E 220TH ST  
City/Zip: CARSON,90810  
Certified Unified Program Agencies: Not reported  
Owner: TST, Inc.  
Total Gallons: Not reported  
CERSID: 10272631  
Facility ID: LACoFA0001201  
Business Name: STANDARD METALS  
Phone: (310) 835-0115  
Fax: Not reported  
Mailing Address: 2032 E 220TH ST  
Mailing Address City: CARSON  
Mailing Address State: CA  
Mailing Address Zip Code: 90810  
Operator Name: Standard Metals  
Operator Phone: 3108350115  
Owner Phone: (310) 835-0115  
Owner Mail Address: 13428 Benson Ave  
Owner State: CA  
Owner Zip Code: 91710  
Owner Country: United States  
Property Owner Name: Not reported  
Property Owner Phone: Not reported  
Property Owner Mailing Address: Not reported  
Property Owner City: Not reported  
Property Owner Stat : Not reported  
Property Owner Zip Code: Not reported  
Property Owner Country: Not reported  
EPAID: CAL000277168

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

O99  
NNW  
1/8-1/4  
0.249 mi.  
1315 ft.

**TORRANCE IRON AND METAL CO INC**  
**2032 E 220TH ST**  
**LONG BEACH, CA 90810**

**CA SWEEPS UST**  
**CA HIST UST**

**U001566268**  
**N/A**

**Site 8 of 10 in cluster O**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**SWEEPS UST:**

Name: TORRANCE IRON & METAL CO., INC.  
Address: 2032 E 220TH ST  
City: LONG BEACH  
Status: Active  
Comp Number: 17497  
Number: 9  
Board Of Equalization: 44-011675  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 1  
SWRCB Tank Id: 19-060-017497-000001  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 3

Name: TORRANCE IRON & METAL CO., INC.  
Address: 2032 E 220TH ST  
City: LONG BEACH  
Status: Active  
Comp Number: 17497  
Number: 9  
Board Of Equalization: 44-011675  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 2  
SWRCB Tank Id: 19-060-017497-000002  
Tank Status: A  
Capacity: 1000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Name: TORRANCE IRON & METAL CO., INC.  
Address: 2032 E 220TH ST  
City: LONG BEACH  
Status: Active  
Comp Number: 17497  
Number: 9  
Board Of Equalization: 44-011675  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 3  
SWRCB Tank Id: 19-060-017497-000003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TORRANCE IRON AND METAL CO INC (Continued)**

**U001566268**

Tank Status: A  
Capacity: 1000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**HIST UST:**

Name: TORRANCE IRON AND METAL CO INC  
Address: 2032 E 220TH ST  
City,State,Zip: LONG BEACH, CA 90810  
File Number: 00028D6D  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028D6D.pdf>  
Region: STATE  
Facility ID: 00000017497  
Facility Type: Other  
Other Type: ALUMINUM SMELTER  
Contact Name: RONALD S STEIN  
Telephone: 2138350115  
Owner Name: TORRANCE IRON & METAL CO.,INC.  
Owner Address: 2032 E. 220TH ST.  
Owner City,St,Zip: LONG BEACH, CA 90810  
Total Tanks: 0003

Tank Num: 001  
Container Num: 1  
Year Installed: 1982  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**O100**  
**NNW**  
**1/8-1/4**  
**0.249 mi.**  
**1315 ft.**

**TIMCO**  
**2032 E 220TH ST**  
**CARSON, CA 90744**  
**Site 9 of 10 in cluster O**

**CA CERS HAZ WASTE**  
**CA SWEEPS UST**  
**CA FID UST**  
**CA EMI**  
**CA LOS ANGELES CO. HMS**  
**CA CERS**  
**S101583179**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**CERS HAZ WASTE:**  
Name: STANDARD METALS  
Address: 2032 E 220TH ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 517913  
CERS ID: 10272631  
CERS Description: Hazardous Waste Generator

**SWEEPS UST:**  
Name: TIMCO  
Address: 2032 E 220TH ST  
City: CARSON  
Status: Not reported  
Comp Number: 5987  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005987-000001  
Tank Status: Not reported  
Capacity: 1000  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: 8

Name: TIMCO  
Address: 2032 E 220TH ST  
City: CARSON  
Status: Not reported  
Comp Number: 5987  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005987-000002  
Tank Status: Not reported  
Capacity: 2000  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Name: TIMCO  
Address: 2032 E 220TH ST  
City: CARSON

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

Status: Not reported  
Comp Number: 5987  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005987-000003  
Tank Status: Not reported  
Capacity: 1  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Name: TIMCO  
Address: 2032 E 220TH ST  
City: CARSON  
Status: Not reported  
Comp Number: 5987  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005987-000004  
Tank Status: Not reported  
Capacity: 1  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Name: TIMCO  
Address: 2032 E 220TH ST  
City: CARSON  
Status: Not reported  
Comp Number: 5987  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005987-000005  
Tank Status: Not reported  
Capacity: 1  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

Name: TIMCO  
Address: 2032 E 220TH ST  
City: CARSON  
Status: Not reported  
Comp Number: 5987  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005987-000006  
Tank Status: Not reported  
Capacity: 1  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Name: TIMCO  
Address: 2032 E 220TH ST  
City: CARSON  
Status: Not reported  
Comp Number: 5987  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005987-000007  
Tank Status: Not reported  
Capacity: 1  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Name: TIMCO  
Address: 2032 E 220TH ST  
City: CARSON  
Status: Not reported  
Comp Number: 5987  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005987-000008  
Tank Status: Not reported  
Capacity: 1  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

Content: Not reported  
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 19002935  
Regulated By: UTNKA  
Regulated ID: 00017497  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2138350115  
Mail To: Not reported  
Mailing Address: 2032 E 220TH ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: LONG BEACH 90810  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

Facility ID: 19002935  
Regulated By: UTNKI  
Regulated ID: 00017497  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 8188350115  
Mail To: Not reported  
Mailing Address: 2032 E 220TH ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CARSON 90744  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

EMI:

Name: TANDEM IND INC  
Address: 2032 E 220TH ST  
City,State,Zip: CARSON, CA 90744  
Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 7650  
Air District Name: SC  
SIC Code: 3341  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 2  
Carbon Monoxide Emissions Tons/Yr: 23

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

NOX - Oxides of Nitrogen Tons/Yr: 12  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 23  
Part. Matter 10 Micrometers and Smlr Tons/Yr:22

Name: TANDEM IND INC  
Address: 2032 E 220TH ST  
City,State,Zip: CARSON, CA 90744  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 7650  
Air District Name: SC  
SIC Code: 3341  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 2  
NOX - Oxides of Nitrogen Tons/Yr: 3  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 9  
Part. Matter 10 Micrometers and Smlr Tons/Yr:6

**LOS ANGELES CO. HMS:**

Name: TIMCO  
Address: 2032 E 220TH ST  
City,State,Zip: CARSON, CA 908101603  
Region: LA  
Permit Category: Not reported  
Facility Id: 005777-030336  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

**CERS:**

Name: STANDARD METALS  
Address: 2032 E 220TH ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 517913  
CERS ID: 10272631  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 517913  
Site Name: STANDARD METALS  
Violation Date: 10-02-2018  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2  
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.  
Violation Notes: OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

EPCRA on or before the annual due date. Log onto the California Environmental Reporting System (CERS) to submit the required information, including the sections for business activities, business owner/operator identification, site map, hazardous material inventory, emergency response plan, and employee training plan. Nothing has been submitted to CERS. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 517913  
Site Name: STANDARD METALS  
Violation Date: 10-02-2018  
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

Violation Notes: Returned to compliance on 10/29/2018. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 517913  
Site Name: STANDARD METALS  
Violation Date: 10-02-2018  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 12/13/2018. OBSERVATION: The following containers of hazardous waste were observed with incomplete or no hazardous waste (HW) labels: - 1 x 500-gallon aboveground storage tank containing HW used/waste oils located outside of the main shop building; - 1 x 55-gallon drum containing HW used and drained oil filters located outside of the main shop building; CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 517913  
Site Name: STANDARD METALS  
Violation Date: 10-02-2015  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 02/17/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for the 55 gal sulfuric acid and 2x55 gal Oxylink (polyacrylamide) to the CUPA. Observed a 55 gal container of sulfuric acid and 2x55 gal containers of polyacrylamide stored and used in the walk-in stormwater treatment plant behind the office building. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 517913  
Site Name: STANDARD METALS  
Violation Date: 10-02-2018  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 12/13/2018. OBSERVATION: Uniform Hazardous Waste Manifests for waste oils, used and drain oil filters, and etc. were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for waste oils, used and drain oil filters, and etc. and submit copies to the CUPA.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 517913  
Site Name: STANDARD METALS  
Violation Date: 10-02-2015  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: Returned to compliance on 06/22/2018. OBSERVATION: The annotated site map has not been completed and submitted to the CUPA. Observed current site map does not have any notation or markings for the walk-in stormwater treatment plant and four aboveground wastewater storage tanks. CORRECTIVE ACTION: Complete an annotated site map and submit electronically in the California Environmental Reporting System (CERS).

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 517913  
Site Name: STANDARD METALS  
Violation Date: 10-02-2018

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: Hazardous Waste Generator Program - Release/Leaks/Spills - General

Violation Notes: Returned to compliance on 10/23/2018. Immediately clean up all spills, releases, and leaks. Observed old oil stains and residues on floor by the hazardous waste used oils storage area. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the area listed above has been properly cleaned.

Violation Division: Los Angeles County Fire Department

Violation Program: HW

Violation Source: CERS

Site ID: 517913

Site Name: STANDARD METALS

Violation Date: 10-02-2018

Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7

Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 12/13/2018. OBSERVATION: The following used and empty drums/containers/aboveground storage tank were observed without a proper empty label: - 3 x 55-gallon used and empty containers/drums located in the warehouse; - 1 x 275-gallon used and empty tote located in the warehouse; - 1 x 275-cuft used and empty compressed gas cylinder for GC located in the warehouse and left by the landlord; - 1 x 35-gallon used and empty plastic container located by the Dumpster area; - 2 x 55-gallon used and empty drums located by the Dumpster area and left by Standard Metals; - 1 x 1000-gallon used and empty plastic aboveground storage tank located by the Dumpster area and left by Standard Metals; CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.

Violation Division: Los Angeles County Fire Department

Violation Program: HW

Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Eval Date: 10-02-2018

Violations Found: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

Eval Type:	Routine done by local agency
Eval Notes:	Jim Dana, CEO
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-31-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-07-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed CERS submittals. NOV abated.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-30-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-30-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 06-12-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-22-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Placido Gomez, Plant Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-22-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Placido Gomez, Plant Manager  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-22-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Placido Gomez, Plant Manager Final walk through inspection conducted with Mr. Placido Gomez, Plant Manager of Standard Metals, to reveal the operator has properly removed all hazardous materials, hazardous wastes, and aboveground storage tanks (ASTs) from the facility. Spoke to the new tenant, Mr. Jim Dana (CEO of Dana Transport, Inc.), and Mr. Dana agreed to keep one 500-gallon horizontal AST left by Standard Metals to be used to store new motor oils. Mr. Dana also agreed to let Standard Metals to keep 81 bins/pallets of scrap metals temporarily on site. Mr. Gomez provided the following hazardous waste manifests to show all hazardous wastes had been disposed of properly. Manifest# 018757002JJK from Worldwide Recovery Systems Inc for 2,500 lbs. of non-rcra HW solid (oily absorbent and debris) on 5/30/18; Manifest# 018756578JJK from Worldwide Recovery Systems Inc for 4,000 lbs. of non-rcra HW solid (oily absorbent and debris) on 6/18/18; Manifest# 018757562JJK from [Truncated]

Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-02-2015  
Violations Found: No  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

Eval Notes: Placido Gomez, Plant Manager. No significant violations observed at the time of inspection.

Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-02-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Placido Gomez, Plant Manager. No significant violations observed at the time of inspection.

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-02-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Placido Gomez, Plant Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-02-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Jim Dana, CEO  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Coordinates:  
Site ID: 517913  
Facility Name: STANDARD METALS  
Env Int Type Code: HMBP  
Program ID: 10272631  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.826970  
Longitude: -118.238170

Affiliation:  
Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2032 E 220TH ST  
Affiliation City: CARSON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**S101583179**

Entity Name: TST, INC.  
Entity Title: Not reported  
Affiliation Address: 13428 Benson Ave  
Affiliation City: Chino  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 91710  
Affiliation Phone: (310) 835-0115

Affiliation Type Desc: Operator  
Entity Name: Standard Metals  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 835-0115

Affiliation Type Desc: Identification Signer  
Entity Name: Chris Matusak  
Entity Title: EHS Supervisor  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: CHRIS MATUSZAK  
Entity Title: Not reported  
Affiliation Address: 11601 ETIWANDA AVENUE  
Affiliation City: FONTANA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92337  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Liquid Transport corp  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TIMCO (Continued)**

**S101583179**

Affiliation Phone: (323) 890-4045  
 Affiliation Type Desc: Document Preparer  
 Entity Name: Chris Matuszak  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**R101  
 NNW  
 1/4-1/2  
 0.254 mi.  
 1342 ft.**

**TIMCO  
 2020 E 220TH ST  
 LONG BEACH, CA 90810**

**CA HIST UST  
 CA HIST CORTESE  
 CA WDS**

**U001566266  
 N/A**

**Site 1 of 3 in cluster R**

**Relative:  
 Higher  
 Actual:  
 26 ft.**

HIST UST:  
 Name: TIMCO  
 Address: 2020 E 220TH ST  
 City,State,Zip: LONG BEACH, CA 90810  
 File Number: Not reported  
 URL: Not reported  
 Region: STATE  
 Facility ID: 00000065715  
 Facility Type: Other  
 Other Type: ALM. SMITTING  
 Contact Name: ED ROBERTSON  
 Telephone: 2138350115  
 Owner Name: TIMCO  
 Owner Address: 2020 E. 220TH ST.  
 Owner City,St,Zip: LONG BEACH, CA 90810  
 Total Tanks: 0003

Tank Num: 001  
 Container Num: 1  
 Year Installed: Not reported  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Container Construction Thickness: Not reported  
 Leak Detection: None

Tank Num: 002  
 Container Num: 2  
 Year Installed: Not reported  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Container Construction Thickness: Not reported  
 Leak Detection: None

Tank Num: 003  
 Container Num: 3  
 Year Installed: Not reported  
 Tank Capacity: 00005000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIMCO (Continued)**

**U001566266**

Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: None

**HIST CORTESE:**

edr\_fname: TIMCO  
edr\_fadd1: 2032 220TH  
City,State,Zip: CARSON, CA 90745  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-05987

**WDS:**

Name: TIMCO  
Address: 2020 E 220TH STREET  
City: LONG BEACH  
Facility ID: 4 19I009023  
Facility Type: Not reported  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: Not reported  
Facility Contact: Not reported  
Agency Name: TST INC.  
Agency Address: Not reported  
Agency City,St,Zip: 0  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Agency Type: Not reported  
SIC Code: 0  
SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TIMCO (Continued)

U001566266

dischargers having waste storage systems with land disposal such as dairy waste ponds.

O102  
NNW  
1/4-1/2  
0.259 mi.  
1367 ft.

WATSON LAND CO  
2116 220TH ST E  
CARSON, CA 90810  
Site 10 of 10 in cluster O

CA LUST S102441100  
CA CERS N/A

Relative:  
Higher  
Actual:  
26 ft.

LUST:  
Name: WATSON LAND CO  
Address: 2116 220TH ST E  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES COUNTY  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603703937](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703937)  
Global Id: T0603703937  
Latitude: 33.8278989  
Longitude: -118.2368182  
Status: Completed - Case Closed  
Status Date: 06/10/1993  
Case Worker: JOA  
RB Case Number: I-12198  
Local Agency: LOS ANGELES COUNTY  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Aviation  
Site History: Not reported

LUST:  
Global Id: T0603703937  
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: T0603703937  
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: T0603703937  
Action Type: Other  
Date: 05/05/1993  
Action: Leak Discovery  
  
Global Id: T0603703937  
Action Type: Other  
Date: 08/02/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

WATSON LAND CO (Continued)

S102441100

Action: Leak Reported

LUST:

Global Id: T0603703937  
Status: Open - Case Begin Date  
Status Date: 08/01/1991

Global Id: T0603703937  
Status: Open - Site Assessment  
Status Date: 08/01/1991

Global Id: T0603703937  
Status: Completed - Case Closed  
Status Date: 06/10/1993

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-12198  
Status: Case Closed  
Substance: 1  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603703937  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: Not reported  
Enforcement Type: Not reported  
Date Leak Discovered: 5/5/1993  
Date Leak First Reported: 8/2/1993  
Date Leak Record Entered: 7/31/1993  
Date Confirmation Began: Not reported  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 5/5/1992  
Date the Case was Closed: 6/10/1993  
How Leak Discovered: Not reported  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 753.21173364374042454415349007  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 8/1/1991  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WATSON LAND CO (Continued)**

**S102441100**

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: WATSON LAND COMPANY  
RP Address: 22010 S WILMINGTON AVE, CARSON, CA 90745  
Program: LUST  
Lat/Long: 33.8277423 / -1  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: Not reported

**CERS:**

Name: WATSON LAND CO  
Address: 2116 220TH ST E  
City,State,Zip: CARSON, CA 90810  
Site ID: 230884  
CERS ID: T0603703937  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S103**  
**East**  
**1/4-1/2**  
**0.274 mi.**  
**1447 ft.**

**JOHNS-MANVILLE CARSON PLANT SITE**  
**22401 SOUTH ALAMEDA STREET**  
**CARSON, CA 90801**

**CA SWF/LF** **S104156317**  
**CA WMUDS/SWAT** **N/A**

**Site 1 of 3 in cluster S**

**Relative:**  
**Higher**  
**Actual:**  
**28 ft.**

LOS ANGELES CO. LF:

Name: JOHNS-MANVILLE CARSON PLANT SITE  
Address: 22401 SOUTH ALAMEDA STREET  
City,State,Zip: CARSON, CA 90801  
Site ID: 1965  
Alt. Address: 2420 East 223rd Street, Carson, CA; 2350 East 223rd Street, Carson, CA 90810  
Site Contact: Not reported  
Site Contact Phone: Not reported  
Site Email: Not reported  
Site Website: Not reported  
Site Type: Unknown  
Site SWIS Number: 19-AQ-5034  
Beginning Operation Date: 1937  
Ending Operation Date: 1982  
Local Enforcement Agency: Not reported  
Maximun Depth Fill(Ft): 35  
Permitted Capacity: Not reported  
Present Use: Commercial; Industrial  
Remaining Capacity(Million): Not reported  
Status: Closed  
Waste Accepted: Asbestos; Hazardous Liquid  
Hours of Operation: Not reported  
Disposal Area (Acre): 15

Detail As Of 01/2014:

Operator Name: Johns Manville Products Corporation  
Operator Address: Not reported  
Operator City/State/Zip: Not reported  
Operator Contact: Not reported  
Operator Telephone: Not reported  
Operator Email: Not reported  
Owner Name: Manvilles Sales - Schuller Internation, INC.  
Owner Address: P.O. Box 5108  
Owner City/State/Zip: Denver, CO 80217  
Owner Contact: Not reported  
Owner Telephone: (303) 978-2790  
Owner Email: Not reported

WMUDS/SWAT:

Edit Date: 19950206  
Complexity: Not reported  
Primary Waste: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Base Meridian: Not reported  
NPID: Not reported  
Tonnage: 0  
Regional Board ID: 53-163  
Municipal Solid Waste: False  
Superorder: False  
Open To Public: False  
Waste List: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNS-MANVILLE CARSON PLANT SITE (Continued)**

**S104156317**

Agency Type: Not reported  
Agency Name: MANVILLE SALES CORPORATION  
Agency Department: MANAGER OF FACILITIES RESTORAT  
Agency Address: P.O. BOX 5108  
Agency City,St,Zip: DENVER 80217  
Agency Contact: MARVIN CLUMPUS  
Agency Telephone: 3039782790  
Land Owner Name: Not reported  
Land Owner Address: Not reported  
Land Owner City,St,Zip: CA  
Land Owner Contact: Not reported  
Land Owner Phone: Not reported  
Region: 4  
Facility Type: Not reported  
Facility Description: Not reported  
Facility Telephone: Not reported  
SWAT Facility Name: Not reported  
Primary SIC: Not reported  
Secondary SIC: Not reported  
Comments: RCVD: 227,000 TONS  
Last Facility Editors: CDCCDCCDC  
Waste Discharge System: False  
Solid Waste Assessment Test Program: True  
Toxic Pits Cleanup Act Program: False  
Resource Conservation Recovery Act: False  
Department of Defence: False  
Solid Waste Assessment Test Program: MANVILLE SALES CORPORATION  
Threat to Water Quality: Not reported  
Sub Chapter 15: False  
Regional Board Project Officer: DJP  
Number of WMUDS at Facility: 1  
Section Range: Not reported  
RCRA Facility: Not reported  
Waste Discharge Requirements: Not reported  
Self-Monitoring Rept. Frequency: Not reported  
Waste Discharge System ID: 4 190058NUR  
Solid Waste Information ID: Not reported

**N104  
West  
1/4-1/2  
0.280 mi.  
1481 ft.**

**223RD ST./DOMINGUEZ CHANNEL  
CARSON, CA  
Site 7 of 7 in cluster N**

**CA Notify 65 S100178696  
N/A**

**Relative:  
Lower  
Actual:  
19 ft.**

NOTIFY 65:  
Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Issue Date: Not reported  
Incident Description: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

R105  
NNW  
1/4-1/2  
0.285 mi.  
1507 ft.

CLEAN STEEL INC.  
2061 EAST 220TH STREET  
CARSON, CA 90810

CA LUST S105665220  
CA CHMIRS N/A  
CA CERS

Site 2 of 3 in cluster R

Relative:  
Higher  
Actual:  
26 ft.

LUST:

Name: CLEAN STEEL INC.  
Address: 2061 EAST 220TH STREET  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603739670](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603739670)  
Global Id: T0603739670  
Latitude: 33.828  
Longitude: -118.23  
Status: Completed - Case Closed  
Status Date: 02/17/2009  
Case Worker: YR  
RB Case Number: R-00023  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board  
Local Case Number: 000023-000023  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon, Alcohols  
Site History: Not reported

LUST:

Global Id: T0603739670  
Contact Type: Local Agency Caseworker  
Contact Name: JOHN AWUJO  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S FREMONT AVE  
City: ALHAMBRA  
Email: [jawujo@dpw.lacounty.gov](mailto:jawujo@dpw.lacounty.gov)  
Phone Number: 6264583507

Global Id: T0603739670  
Contact Type: Regional Board Caseworker  
Contact Name: MARYAM TAIDY  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: LOS ANGELES  
Email: [maryam.taidy@waterboards.ca.gov](mailto:maryam.taidy@waterboards.ca.gov)  
Phone Number: 2135766741

Global Id: T0603739670  
Contact Type: Regional Board Caseworker  
Contact Name: YUE RONG  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: [yrong@waterboards.ca.gov](mailto:yrong@waterboards.ca.gov)  
Phone Number: Not reported

LUST:

Global Id: T0603739670  
Action Type: Other  
Date: 12/03/1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLEAN STEEL INC. (Continued)**

**S105665220**

Action: Leak Discovery

Global Id: T0603739670  
Action Type: REMEDIATION  
Date: 11/16/2007  
Action: Other (Use Description Field)

Global Id: T0603739670  
Action Type: Other  
Date: 12/21/1998  
Action: Leak Reported

Global Id: T0603739670  
Action Type: ENFORCEMENT  
Date: 10/07/2008  
Action: Staff Letter

Global Id: T0603739670  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603739670  
Action Type: RESPONSE  
Date: 11/07/2008  
Action: Other Report / Document

Global Id: T0603739670  
Action Type: ENFORCEMENT  
Date: 01/20/2009  
Action: Site Visit / Inspection / Sampling

Global Id: T0603739670  
Action Type: ENFORCEMENT  
Date: 01/23/2009  
Action: Notification - Preclosure

Global Id: T0603739670  
Action Type: ENFORCEMENT  
Date: 02/17/2009  
Action: Closure/No Further Action Letter

**LUST:**

Global Id: T0603739670  
Status: Open - Case Begin Date  
Status Date: 12/03/1998

Global Id: T0603739670  
Status: Open - Site Assessment  
Status Date: 02/11/2008

Global Id: T0603739670  
Status: Open - Verification Monitoring  
Status Date: 02/11/2008

Global Id: T0603739670  
Status: Completed - Case Closed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLEAN STEEL INC. (Continued)**

**S105665220**

Status Date: 02/17/2009

CHMIRS:

Name: Not reported  
Address: 2061 EAST 220TH ST  
City,State,Zip: CARSON, CA 90810  
OES Incident Number: 0-4677  
OES notification: 10/11/2000  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Co. HazMat  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2000  
Agency: LA Co FD  
Incident Date: 10/11/200012:00:00 AM  
Admin Agency: L. A. County Fire Prevention  
Amount: Not reported  
Contained: Yes  
Site Type: Other  
E Date: Not reported  
Substance: chlorine  
Gallons: 0.000000  
Unknown: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLEAN STEEL INC. (Continued)**

**S105665220**

Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: 20  
Number of Injuries: 0  
Number of Fatalities: 0  
#1 Pipeline: Not reported  
#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
Fatales: Not reported  
Comments: Not reported  
Description: from a container in a junk yard. 20 personnel evacuated fro this and business next store. All back to work.

**CERS:**

Name: CLEAN STEEL INC.  
Address: 2061 EAST 220TH STREET  
City,State,Zip: CARSON, CA 90810  
Site ID: 198365  
CERS ID: T0603739670  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: MARYAM TAIDY - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766741

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**R106**  
**NNW**  
**1/4-1/2**  
**0.285 mi.**  
**1507 ft.**

**CLEAN STEEL INC.**  
**2061 E. 220TH STREET**  
**CARSON, CA 90810**  
**Site 3 of 3 in cluster R**

**CA ENVIROSTOR**    **S111828434**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**26 ft.**

**ENVIROSTOR:**  
 Name: CLEAN STEEL INC.  
 Address: 2061 E. 220TH STREET  
 City,State,Zip: CARSON, CA 90810  
 Facility ID: 70000130  
 Status: Refer: 1248 Local Agency  
 Status Date: 09/07/2005  
 Site Code: Not reported  
 Site Type: Evaluation  
 Site Type Detailed: Evaluation  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: LA CNTY FIRE DEPT. (BILLING AND UST), LOS ANGELES COUNTY  
 Lead Agency: NONE SPECIFIED  
 Program Manager: Not reported  
 Supervisor: \* Greg Holmes  
 Division Branch: Cleanup Cypress  
 Assembly: 64  
 Senate: 35  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not Applicable  
 Latitude: 33.82845  
 Longitude: -118.2384  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: 70000130  
 Alias Type: Envirostor ID Number

**Completed Info:**  
 Completed Area Name: Not reported  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Not reported  
 Completed Date: Not reported  
 Comments: Not reported  
  
 Future Area Name: Not reported  
 Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**S107**  
**East**  
**1/4-1/2**  
**0.286 mi.**  
**1508 ft.**

**HARDWICK DISPOSAL PITS - WATSON LAND CO,**  
**22400 SOUTH ALAMEDA STREET**  
**CARSON, CA 90810**

**CA WMUDS/SWAT**  
**CA LDS**  
**CA CERS**

**S104156383**  
**N/A**

**Site 2 of 3 in cluster S**

**Relative:**  
**Higher**  
**Actual:**  
**28 ft.**

WMUDS/SWAT:  
 Edit Date: Not reported  
 Complexity: Not reported  
 Primary Waste: Not reported  
 Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Base Meridian: Not reported  
 NPID: Not reported  
 Tonnage: 0  
 Regional Board ID: Not reported  
 Municipal Solid Waste: False  
 Superorder: False  
 Open To Public: False  
 Waste List: False  
 Agency Type: Not reported  
 Agency Name: WATSONLAND COMPANY  
 Agency Department: Not reported  
 Agency Address: Not reported  
 Agency City,St,Zip: Not reported  
 Agency Contact: Not reported  
 Agency Telephone: Not reported  
 Land Owner Name: Not reported  
 Land Owner Address: Not reported  
 Land Owner City,St,Zip: CA  
 Land Owner Contact: Not reported  
 Land Owner Phone: Not reported  
 Region: 4  
 Facility Type: Not reported  
 Facility Description: Not reported  
 Facility Telephone: Not reported  
 SWAT Facility Name: Not reported  
 Primary SIC: Not reported  
 Secondary SIC: Not reported  
 Comments: Not reported  
 Last Facility Editors: Not reported  
 Waste Discharge System: False  
 Solid Waste Assessment Test Program: True  
 Toxic Pits Cleanup Act Program: False  
 Resource Conservation Recovery Act: False  
 Department of Defence: False  
 Solid Waste Assessment Test Program: WATSONLAND COMPANY  
 Threat to Water Quality: Not reported  
 Sub Chapter 15: False  
 Regional Board Project Officer: Not reported  
 Number of WMUDS at Facility: 1  
 Section Range: Not reported  
 RCRA Facility: Not reported  
 Waste Discharge Requirements: Not reported  
 Self-Monitoring Rept. Frequency: Not reported  
 Waste Discharge System ID: 4 190455NUR  
 Solid Waste Information ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARDWICK DISPOSAL PITS - WATSON LAND CO, (Continued)**

**S104156383**

LDS:

Name: HARDWICK DISPOSAL PITS - WATSON LAND CO,  
Address: 22400 SOUTH ALAMEDA STREET  
City,State,Zip: CARSON, CA 90810  
  
Global Id: T10000004978  
Latitude: 33.81919  
Longitude: -118.2294  
Case Type: Land Disposal Site  
Status: Completed - Case Closed  
Status Date: 05/25/2016  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Caseworker: WY  
Local Agency: Not reported  
RB Case Number: 51-071  
LOC Case Number: Not reported  
File Location: Regional Board  
Potential Media Affect: Not reported  
EDR Link ID: T10000004978  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

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

CERS:

Name: HARDWICK DISPOSAL PITS - WATSON LAND CO,  
Address: 22400 SOUTH ALAMEDA STREET  
City,State,Zip: CARSON, CA 90810  
Site ID: 208305  
CERS ID: T10000004978  
CERS Description: Land Disposal Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: Wen Yang - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2136202253

Name: WATSON LAND COMPANY DUMP  
Address: 22400 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 504332  
CERS ID: 110013960320  
CERS Description: US EPA Air Emission Inventory System (EIS)

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**T108**      **MATLACK INC**  
**ESE**        **22422 ALAMEDA**  
**1/4-1/2**    **LONG BEACH, CA 90810**  
**0.287 mi.**  
**1514 ft.**

**CA HIST CORTESE**    **S105024518**  
**N/A**

**Relative:**      HIST CORTESE:  
**Higher**        edr\_fname:            MATLACK INC  
                   edr\_fadd1:            22422 ALAMEDA  
**Actual:**        City,State,Zip:        LONG BEACH, CA 90810  
**28 ft.**            Region:                CORTESE  
                   Facility County Code: 19  
                   Reg By:                LTNKA  
                   Reg Id:                I-00124

**T109**      **COMMERCIAL CARRIERS INC**  
**ESE**        **22440 ALAMEDA ST S**  
**1/4-1/2**    **CARSON, CA 90810**  
**0.288 mi.**  
**1519 ft.**

**CA LUST**        **S101582906**  
**CA SWEEPS UST**    **N/A**  
**CA FID UST**  
**CA HIST CORTESE**  
**CA LOS ANGELES CO. HMS**  
**CA NPDES**  
**CA WDS**  
**CA CIWQS**  
**CA CERS**

**Relative:**      **Higher**  
**Actual:**        **28 ft.**

**LUST:**  
 Name:                COMMERCIAL CARRIERS INC  
 Address:             22440 ALAMEDA ST S  
 City,State,Zip:     CARSON, CA 90810  
 Lead Agency:        LOS ANGELES COUNTY  
 Case Type:           LUST Cleanup Site  
 Geo Track:           [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603704930](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704930)  
 Global Id:            T0603704930  
 Latitude:            33.8224919  
 Longitude:          -118.2292742  
 Status:               Completed - Case Closed  
 Status Date:        05/30/1989  
 Case Worker:        JOA  
 RB Case Number:    R-10360  
 Local Agency:        LOS ANGELES COUNTY  
 File Location:       Not reported  
 Local Case Number: Not reported  
 Potential Media Affect: Soil  
 Potential Contaminants of Concern: Diesel  
 Site History:        Not reported

**LUST:**  
 Global Id:            T0603704930  
 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:            T0603704930  
 Contact Type:        Regional Board Caseworker  
 Contact Name:        YUE RONG  
 Organization Name:   LOS ANGELES RWQCB (REGION 4)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: yrong@waterboards.ca.gov  
Phone Number: Not reported

LUST:

Global Id: T0603704930  
Action Type: Other  
Date: 08/12/1988  
Action: Leak Discovery

Global Id: T0603704930  
Action Type: Other  
Date: 09/08/1988  
Action: Leak Reported

LUST:

Global Id: T0603704930  
Status: Open - Case Begin Date  
Status Date: 08/12/1988

Global Id: T0603704930  
Status: Open - Site Assessment  
Status Date: 09/08/1988

Global Id: T0603704930  
Status: Completed - Case Closed  
Status Date: 05/30/1989

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-10360  
Status: Case Closed  
Substance: Diesel  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603704930  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: 223RD  
Enforcement Type: Not reported  
Date Leak Discovered: 8/12/1988  
Date Leak First Reported: 9/8/1988  
Date Leak Record Entered: 9/8/1988  
Date Confirmation Began: Not reported  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 5/30/1989  
Date the Case was Closed: 5/30/1989  
How Leak Discovered: Not reported  
How Leak Stopped: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Cause of Leak: Not reported  
Leak Source: Not reported  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 2063.5177749148143506532585908  
Source of Cleanup Funding: Not reported  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: 9/8/1988  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: COMMERCIAL CARRIERS INC.  
RP Address: P.O. BOX 138  
Program: LUST  
Lat/Long: 33.8224833 / -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: 6 UGTS WERE REMOVED... FUEL ISLAND REMOVED, DISCOVERED LOOSES PIPING AND SOIL CONTAMINATION, ALSO DISCOVERED KEROSENE CONTAMINATION  
OLD CASE #090888-01

**SWEEPS UST:**

Name: COMMERCIAL CARRIERS INC  
Address: 22440 S ALAMEDA ST  
City: CARSON  
Status: Active  
Comp Number: 10360  
Number: 9  
Board Of Equalization: 44-008824  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010360-000001  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: 6

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Name: COMMERCIAL CARRIERS INC  
Address: 22440 S ALAMEDA ST  
City: CARSON  
Status: Active  
Comp Number: 10360  
Number: 9  
Board Of Equalization: 44-008824  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010360-000002  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: COMMERCIAL CARRIERS INC  
Address: 22440 S ALAMEDA ST  
City: CARSON  
Status: Active  
Comp Number: 10360  
Number: 9  
Board Of Equalization: 44-008824  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010360-000003  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: COMMERCIAL CARRIERS INC  
Address: 22440 S ALAMEDA ST  
City: CARSON  
Status: Active  
Comp Number: 10360  
Number: 9  
Board Of Equalization: 44-008824  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010360-000004  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Content: Not reported  
Number Of Tanks: Not reported

Name: COMMERCIAL CARRIERS INC  
Address: 22440 S ALAMEDA ST  
City: CARSON  
Status: Active  
Comp Number: 10360  
Number: 9  
Board Of Equalization: 44-008824  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010360-000005  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: COMMERCIAL CARRIERS INC  
Address: 22440 S ALAMEDA ST  
City: CARSON  
Status: Active  
Comp Number: 10360  
Number: 9  
Board Of Equalization: 44-008824  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010360-000006  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

**CA FID UST:**

Facility ID: 19001812  
Regulated By: UTNKA  
Regulated ID: 00033979  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 8180000000  
Mail To: Not reported  
Mailing Address: BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CARSON  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

HIST CORTESE:

edr\_fname: COMMERCIAL CARRIERS INC  
edr\_fadd1: 22440 ALAMEDA  
City,State,Zip: CARSON, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: R-10360

LOS ANGELES CO. HMS:

Name: COMMERCIAL CARRIERS INC  
Address: 22440 S ALAMEDA ST  
City,State,Zip: CARSON, CA 908101903  
Region: LA  
Permit Category: T  
Facility Id: 010441-010360  
Facility Type: 0  
Facility Status: Removed  
Area: 22  
Permit Number: 00002056T  
Permit Status: Removed

Name: COMMERCIAL CARRIERS INC  
Address: 22440 S ALAMEDA ST  
City,State,Zip: CARSON, CA 908101903  
Region: LA  
Permit Category: Not reported  
Facility Id: 010441-030393  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

Name: MARCUS TRUCKING CO  
Address: 22440 S ALAMEDA ST  
City,State,Zip: CARSON, CA 908101903  
Region: LA  
Permit Category: T  
Facility Id: 010441-037038  
Facility Type: 0  
Facility Status: Closed  
Area: 22  
Permit Number: 000337079  
Permit Status: Closed

Name: MAX EXPRESS INC  
Address: 22440 S ALAMEDA ST  
City,State,Zip: CARSON, CA 908101903  
Region: LA  
Permit Category: S

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Facility Id: 010441-047345  
Facility Type: S6  
Facility Status: Closed  
Area: 22  
Permit Number: CGI016897  
Permit Status: Closed

Name: ENERGY TRANSPORT & LOGISTIC  
Address: 22440 S ALAMEDA ST  
City,State,Zip: CARSON, CA 908101903  
Region: LA  
Permit Category: Not reported  
Facility Id: 010441-065320  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

**NPDES:**

Name: MAX EXPRESS INC  
Address: 22440 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Facility Status: Terminated  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 191282  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19I016897  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 11/08/2001  
Termination Date Of Regulatory Measure: 02/08/2018  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 22440 S Alameda St  
Discharge Name: Max Express Inc  
Discharge City: Carson  
Discharge State: California  
Discharge Zip: 90810  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported

**NPDES as of 03/2018:**

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 191282  
Order Number: 97-03-DWQ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 191016897
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/08/2001
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Max Express Inc
Discharge Address:	22440 S Alameda St
Discharge City:	Carson
Discharge State:	California
Discharge Zip:	90810
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	191282
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I016897
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:	11/08/2001
Status:	Active
Status Date:	11/08/2001
Place Size:	3
Place Size Unit:	Acres
Contact:	Vicky Hsu
Contact Title:	Not reported
Contact Phone:	310-834-0888
Contact Phone Ext:	Not reported
Contact Email:	vickyhsu@gmail.com
Operator Name:	Max Express Inc
Operator Address:	22440 S Alameda St
Operator City:	Carson
Operator State:	California
Operator Zip:	90810
Operator Contact:	Vicky Hsu
Operator Contact Title:	Not reported
Operator Contact Phone:	310-834-0888
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	vickyhsu@gmail.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 310-834-0888  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Dominguez Channel  
Certifier: Richard Mo  
Certifier Title: controller  
Certification Date: 09-FEB-15  
Primary Sic: 4213-Trucking, Except Local  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

Name: MAX EXPRESS INC  
Address: 22440 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
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 19I016897  
Regulatory Measure Type: Industrial  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Terminated  
Status Date: 06/05/2018

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Operator Name: Max Express Inc  
Operator Address: 22440 S Alameda St  
Operator City: Carson  
Operator State: California  
Operator Zip: 90810

NPDES as of 03/2018:

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 191282  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I016897  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 11/08/2001  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Max Express Inc  
Discharge Address: 22440 S Alameda St  
Discharge City: Carson  
Discharge State: California  
Discharge Zip: 90810  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	191282
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I016897
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:	11/08/2001
Status:	Active
Status Date:	11/08/2001
Place Size:	3
Place Size Unit:	Acres
Contact:	Vicky Hsu
Contact Title:	Not reported
Contact Phone:	310-834-0888
Contact Phone Ext:	Not reported
Contact Email:	vickyhsu@gmail.com
Operator Name:	Max Express Inc
Operator Address:	22440 S Alameda St

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Operator City: Carson  
Operator State: California  
Operator Zip: 90810  
Operator Contact: Vicky Hsu  
Operator Contact Title: Not reported  
Operator Contact Phone: 310-834-0888  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: vickyhsu@gmail.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 310-834-0888  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Dominguez Channel  
Certifier: Richard Mo  
Certifier Title: controller  
Certification Date: 09-FEB-15  
Primary Sic: 4213-Trucking, Except Local  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

**WDS:**

Name: MARCUS TRUCKING CO.  
Address: 22440 S Alameda St  
City: CARSON  
Facility ID: 4 19I016897  
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Facility Telephone: Not reported  
Facility Contact: Marcusmo  
Agency Name: MARCUS TRUCKING CO.  
Agency Address: Not reported  
Agency City,St,Zip: 0  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Agency Type: Private  
SIC Code: 4213  
SIC Code 2: Not reported  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.  
  
Primary Waste: STORMS  
Waste Type2: Not reported  
Waste2: Stormwater Runoff  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.  
  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: No reclamation requirements associated with this facility.  
POTW: The facility is not a POTW.  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**CIWQS:**

Name: MAX EXPRESS INC  
Address: 22440 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Agency: Max Express Inc  
Agency Address: 22440 S Alameda St, Carson, CA 90810  
Place/Project Type: Industrial - Trucking, Except Local  
SIC/NAICS: 4213  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I016897  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 11/08/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Termination Date: 02/08/2018  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.82187  
Longitude: -118.22954

Name: COMMERCIAL CARRIERS INC  
Address: 22440 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Agency: Commercial Carriers Inc  
Agency Address: 3600 Nw 32nd Ave, Miami, MI 48007  
Place/Project Type: Industrial - Terminal and Joint Terminal Maintenance Facilities for Motor Freight Transportation

SIC/NAICS: 4231  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I002224  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 03/31/1992  
Termination Date: 09/29/1997  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.82187  
Longitude: -118.22954

CERS:  
Name: MAX EXPRESS, INC.  
Address: 22440 S. ALAMEDA ST.  
City,State,Zip: CARSON, CA 90810  
Site ID: 554960  
CERS ID: 10503961  
CERS Description: Chemical Storage Facilities

Violations:  
Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-05-2018  
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284  
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-08-2017  
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)  
Violation Description: Failure to have an approved UST Monitoring Plan.  
Violation Notes: Returned to compliance on 07/24/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-11-2019  
Citation: HSC 6.7 25298 - California Health and Safety Code, Chapter 6.7, Section(s) 25298  
Violation Description: Failure to comply with all permanent closure requirements.  
Violation Notes: Returned to compliance on 07/03/2019.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 11-14-2018  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34  
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-08-2017  
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286  
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.  
Violation Notes: Returned to compliance on 07/24/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)  
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).

Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-05-2018  
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)

Violation Description: Failure to submit the Annual Monitoring System Certification Form to the UPA within 30 days of completion of the test.

Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)

Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the UPA, for the life of the UST.

Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34

Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 12-03-2018  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to retain a copy of the permit to operate at the facility.

Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-05-2018  
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712  
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to retain a copy of the permit to operate at the facility.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2715(f)(3) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(3)  
Violation Description: Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)  
Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: HSC 6.7 25290.2(d) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.2(d)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Description: Failure of the UST system installed on or after July 1, 2003 and before July 1, 2004 to comply with one or more of the following: be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment and/or capable of detecting water intrusion into the secondary containment.

Violation Notes: Returned to compliance on 06/08/2017.

Violation Division: Los Angeles County Department of Public Works

Violation Program: UST

Violation Source: CERS

Site ID: 554960

Site Name: Max Express, Inc.

Violation Date: 06-28-2018

Citation: 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)

Violation Description: Failure to submit or maintain a current facility plot plan.

Violation Notes: Not reported

Violation Division: Los Angeles County Department of Public Works

Violation Program: UST

Violation Source: CERS

Site ID: 554960

Site Name: Max Express, Inc.

Violation Date: 02-05-2016

Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)

Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.

Violation Notes: Returned to compliance on 06/08/2017.

Violation Division: Los Angeles County Department of Public Works

Violation Program: UST

Violation Source: CERS

Site ID: 554960

Site Name: Max Express, Inc.

Violation Date: 12-03-2018

Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)

Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)  
Violation Description: Failure to submit the Annual Monitoring System Certification Form to the UPA within 30 days of completion of the test.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712  
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(e)  
Violation Description: Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 12-03-2018  
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)  
Violation Description: Failure to have an approved UST Monitoring Plan.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)  
Violation Description: Failure to have an approved UST Response Plan.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-08-2017  
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)  
Violation Description: Failure to submit or update a plot plan.  
Violation Notes: Returned to compliance on 07/24/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 12-03-2018  
Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)  
Violation Description: "Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows: Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection. For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection. "  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 09-20-2018  
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)  
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).  
Violation Notes: Returned to compliance on 11/14/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-05-2018  
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)  
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 12-03-2018  
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284  
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637  
Violation Description: Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician or a licensed tank tester.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(2)  
Violation Description: Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665  
Violation Description: Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712  
Violation Description: Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)  
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)  
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284  
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.  
Violation Notes: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 02-05-2016  
Citation: HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)  
Violation Description: Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)  
Violation Description: Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)  
Violation Description: Failure to submit a current UST Response Plan available on site.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Description: Failure to maintain on site an approved monitoring plan.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2

Violation Description: Failure to test the spill bucket annually.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)

Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 12-03-2018  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to have current UST Monitoring Plan available on site.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 12-03-2018  
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712

Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 02-05-2016  
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7,



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Section(s) 25286  
Violation Description: Failure to obtain and maintain a valid Board of Equalization account number.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 02-05-2016  
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)

Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)

Violation Description: Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 02-05-2016  
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637

Violation Description: Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 11-14-2018  
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)

Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).  
Violation Notes: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)  
Violation Description: Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)  
Violation Description: Failure to have an approved UST Monitoring Plan.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-08-2017  
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637  
Violation Description: Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician or a licensed tank tester.  
Violation Notes: Returned to compliance on 07/24/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 02-05-2016  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286  
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 09-20-2018  
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2  
Violation Description: Failure to test the spill bucket annually.  
Violation Notes: Returned to compliance on 11/14/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 11-14-2018  
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)  
Violation Description: Failure to have an approved UST Response Plan.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286  
Violation Description: Failure to obtain and maintain a valid Board of Equalization account number.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to have current UST Monitoring Plan available on site.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)  
Violation Description: Failure to implement or maintain a written agreement between the UST owner and operator.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 11-14-2018  
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284  
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-08-2017  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to have a UST Monitoring Plan available on site.  
Violation Notes: Returned to compliance on 07/24/2018.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 02-05-2016  
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)  
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the local agency or the special inspector.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 12-03-2018  
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)  
Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 11-14-2018  
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712  
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 11-14-2018  
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)  
Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-01-2015  
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)  
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.  
Violation Notes: Returned to compliance on 06/08/2017.  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 11-14-2018  
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)  
Violation Description: Failure to submit the ?Designated Underground Storage Tank Operator Identification Form? within 30 days of installing a UST system or within 30 days of a change in DO.  
Violation Notes: Not reported  
Violation Division: Los Angeles County Department of Public Works  
Violation Program: UST  
Violation Source: CERS

Site ID: 554960  
Site Name: Max Express, Inc.  
Violation Date: 06-28-2018  
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Description: 16, Section(s) 2715(i)  
Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).

Violation Notes: Not reported

Violation Division: Los Angeles County Department of Public Works

Violation Program: UST

Violation Source: CERS

Site ID: 554960

Site Name: Max Express, Inc.

Violation Date: 06-05-2018

Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2

Violation Description: Failure to test the spill bucket annually.

Violation Notes: Not reported

Violation Division: Los Angeles County Department of Public Works

Violation Program: UST

Violation Source: CERS

Site ID: 554960

Site Name: Max Express, Inc.

Violation Date: 11-14-2018

Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)

Violation Description: Failure to submit a current UST Response Plan available on site.

Violation Notes: Not reported

Violation Division: Los Angeles County Department of Public Works

Violation Program: UST

Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Eval Date: 02-05-2016

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: SB989 PAST DUE & STP SUMP FAILED @ INSPECTION. CORRECT CERS FACILITY & TANK INFO PAGE.NEED ACCURATE PLOT PLAN. RESPONSE PLAN TO BE SIGNED

Eval Division: Los Angeles County Department of Public Works

Eval Program: UST

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Eval Date: 06-01-2015

Violations Found: Yes

Eval Type: Routine done by local agency

Eval Notes: SPBK DRAIN BROKEN, RPLCD ON SITE. LLD IS LD2000, NOT PERMITTED. BOE INCORRECT. MISSING CERS DOC:FRCT,OSDO,PLOT/RESPONSE PLAN, ETC. NOVCG.

Eval Division: Los Angeles County Department of Public Works

Eval Program: UST

Eval Source: CERS

Eval General Type: Other/Unknown

Eval Date: 06-05-2018

Violations Found: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Eval Type: Other, not routine, done by local agency  
Eval Notes: SITE UNDER NEW OWNERSHIP. NO CURRENT MONITORING CERT., NO ACCESS FOR INSPECTION.

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-08-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: TLS300C PANEL;420 ANN;208 SMPS/UDC;LD 2000 LLD;DW AMERON PIPES;F/V OVERFILL

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 06-11-2019  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: TANK REMOVED.NO OBVIOUS EVIDENCE OF CONTAMINATION OBSERVED.SAMPLING UNDER TANK/UDC.PIPE OVER TANK,NOT SAMPLED.VENT NOT REMOVED,NOVC

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-28-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: NO ACCESS FOR INSPECTION. NO ITEMS SUBMITTED. MONITORING SYSTEM OVER DUE, CHANGE OF OWNERSHIP.

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-20-2018  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Not reported

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 11-14-2018  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: PAY MFEE FOR NON-COMPLIANT TANK, CERTIFY SYSTEM, UPDATE CERS, PROVIDE ACCESS FOR INSPECTION

Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Eval Date: 12-03-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: SITE RED TAGGED, SB989 & SENSORS TESTED 120318. SITE MISSING NOV,OCT AUG,JUL,FEB 2018 MONTHLY DO INSPECTIONS. UPDATE MON PLAN IN CERS.  
Eval Division: Los Angeles County Department of Public Works  
Eval Program: UST  
Eval Source: CERS

**Enforcement Action:**

Site ID: 554960  
Site Name: Max Express, Inc.  
Site Address: 22440 S. ALAMEDA ST.  
Site City: CARSON  
Site Zip: 90810  
Enf Action Date: 09-05-2018  
Enf Action Type: Referral to Other  
Enf Action Description: Referral to Other  
Enf Action Notes: Not reported  
Enf Action Division: Los Angeles County Department of Public Works  
Enf Action Program: UNSPEC  
Enf Action Source: CERS

**Affiliation:**

Affiliation Type Desc: Document Preparer  
Entity Name: Steve Aichele  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Chatherine Mo/Max Express  
Entity Title: Not reported  
Affiliation Address: 22440 S. Alameda St.  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 834-0888

Affiliation Type Desc: Operator  
Entity Name: Max Express  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 834-0888

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact  
Entity Name: Richard Mo  
Entity Title: Not reported  
Affiliation Address: 22440 S. Alameda St.  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 22440 S. Alameda St.  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Steve Aichele  
Entity Title: Designated Operator, Environmental Consultant  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Max Express, Incorporated  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: Max Express  
Entity Title: Not reported  
Affiliation Address: 22440 S. Alameda St.  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 834-0888

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Name: COMMERCIAL CARRIERS INC  
Address: 22440 ALAMEDA ST S  
City,State,Zip: CARSON, CA 90810  
Site ID: 232714  
CERS ID: T0603704930  
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: EVERARDO TRUCK REPAIR  
Address: 22440 S ALAMEDA ST # B  
City,State,Zip: CARSON, CA 90810  
Site ID: 437702  
CERS ID: 10280077  
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 437702  
Site Name: EVERARDO TRUCK REPAIR  
Violation Date: 01-28-2015  
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)  
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.  
Violation Notes: OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by 2/27/15. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 437702  
Site Name: EVERARDO TRUCK REPAIR  
Violation Date: 01-28-2015  
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Description: Chapter 16, Section(s) 66266.130  
Failure to properly handle, manage, label, and recycle used oil and fuel filters.

Violation Notes: OBSERVATION: Generator failed to properly handle, manage, label, and/or recycle used oil and fuel filters and 400 gal. used oil portable tank. 3 x 55 gal. drums of drained used oil filters missing label/ accumulation start date. Used oil tank had faded label/ missing accumulation start date. CORRECTIVE ACTION: Owner/Operator shall immediately comply with the Title 22 regulations with regards to the proper handling, management, labeling and recycling of used oil and fuel filters/used oil containers. Verify compliance with the CUPA within 30 days.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 437702  
Site Name: EVERARDO TRUCK REPAIR  
Violation Date: 01-28-2015  
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Violation Description: Failure to obtain and/or maintain an Active EPA ID.  
Violation Notes: OBSERVATION: This facility?s EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the cupa by 2/27/15 (EPA ID # CAL000320536).

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 437702  
Site Name: EVERARDO TRUCK REPAIR  
Violation Date: 02-22-2018  
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

Violation Notes: Returned to compliance on 02/22/2018. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. Operator's EPA # CAL000320536 has an inactive status. EPA ID number application completed and faxed before the end of inspection. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 437702  
Site Name: EVERARDO TRUCK REPAIR  
Violation Date: 02-22-2018  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. Log onto the California Environmental Reporting System (CERS) to submit the required information, including the sections for business activities, business owner/operator identification, site map, hazardous material inventory, emergency response plan, and employee training plan. Nothing has been submitted to CERS. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 437702  
Site Name: EVERARDO TRUCK REPAIR  
Violation Date: 02-22-2018  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 02/22/2018. OBSERVATION: Observed the following containers containing hazardous wastes (HW) either without a proper HW label or with a HW label without accumulation date: ? 1 x 500-gallon portable tank containing used oil w/out a label ? NTC, COS, labeled 1/1/18; ? 3 x 55-gallon drums containing used and drain filters w/out a label ? NTC, COS, labeled 2/22/18 ; ? 1 x 25-gallon container containing used Arma Kleen Cleaning Solution w/out a label ? NTC, COS, labeled 2/22/18; ? 1 x 55-gallon drum containing used oil w/out a label ? NTC, COS, labeled 2/22/18; CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled. Operator was able to correct this violation on site during the inspection.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 437702  
Site Name: EVERARDO TRUCK REPAIR  
Violation Date: 02-22-2018  
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 02/22/2018. OBSERVATION: Observed accumulation of used oils were found in an opened container inside the covered concrete berm. Operator was able to correct this violation on

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

site during the inspection. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 437702  
Site Name: EVERARDO TRUCK REPAIR  
Violation Date: 02-22-2018  
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34

Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)". 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment". 3) Lamps shall be marked with "Universal Waste-Lamp(s)". 4) Each electronic devices or the container or the designated area shall be marked with "Universal Waste-Electronic Device(s)". 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)". 6) CRT glass or the designated area shall be marked with "Universal Waste-CRT glass".

Violation Notes: Returned to compliance on 02/22/2018. OBSERVATION: Owner/Operator failed to properly label universal waste. Observed 4 Interstate used batteries without a proper universal waste label. Operator was able to correct this violation on site during the inspection. CORRECTIVE ACTION: Properly label universal waste and submit statement of compliance and/or a photo of the waste labeled properly.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 437702  
Site Name: EVERARDO TRUCK REPAIR  
Violation Date: 02-22-2018  
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7

Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2) By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 02/22/2018. OBSERVATION: Observed 5 plus

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

5-gallon used, empty containers w/out a proper empty label. Operator was able to correct this violation on site during the inspection.  
CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

**Evaluation:**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-28-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Everado Ortiz, Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-28-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Everado Ortiz, Owner  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-22-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Everardo Ortiz, owner The owner / operator was advised of proper hazardous waste management, hazardous materials handling, record-keeping, permit payment, and good business practices.

Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-22-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Everardo Ortiz, owner The owner/operator was advised to update, review, and submit any and all information missing in the California Environmental Reporting System (CERS) online system.

Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

**Affiliation:**

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL CARRIERS INC (Continued)**

**S101582906**

Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Operator  
Entity Name: EVERARDO ORTIZ  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 987-3262

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 934 MCFARLAND AVE  
Affiliation City: WILMINGTON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90744  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: EVERARDO ORTIZ  
Entity Title: Not reported  
Affiliation Address: 934 MCFARLAND AVE  
Affiliation City: WILMINGTON  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90744  
Affiliation Phone: (562) 577-7344

Affiliation Type Desc: Environmental Contact  
Entity Name: Environmental Protection Agency  
Entity Title: Not reported  
Affiliation Address: 75 Hawthorne Street  
Affiliation City: San Francisco  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 94105  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: EVERARDO TRUCK REPAIR  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported





Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE SALVAGE (Continued)

U002284746

LUST:

Global Id: T0603703845  
Action Type: Other  
Date: 03/09/1990  
Action: Leak Reported

LUST:

Global Id: T0603703845  
Status: Open - Case Begin Date  
Status Date: 03/09/1990

Global Id: T0603703845  
Status: Open - Site Assessment  
Status Date: 03/09/1990

Global Id: T0603703845  
Status: Open - Site Assessment  
Status Date: 02/26/1991

Global Id: T0603703845  
Status: Completed - Case Closed  
Status Date: 07/03/1991

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-11754  
Status: Case Closed  
Substance: Diesel  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603703845  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: Not reported  
Enforcement Type: Not reported  
Date Leak Discovered: Not reported  
Date Leak First Reported: 3/9/1990  
Date Leak Record Entered: 3/5/1990  
Date Confirmation Began: 3/9/1990  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 10/14/1993  
Date the Case was Closed: 7/3/1991  
How Leak Discovered: Not reported  
How Leak Stopped: Not reported  
Cause of Leak: Not reported  
Leak Source: Not reported  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 2132.6575610240254452616652726

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE SALVAGE (Continued)

U002284746

Source of Cleanup Funding: F  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: 2/26/1991  
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: STATE SALVAGE  
RP Address: 22500 S ALAMEDA ST, CARSON, CA 90810  
Program: LUST  
Lat/Long: 33.8219273 / -1  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: Not reported

HIST CORTESE:

edr\_fname: STATE SALVAGE  
edr\_fadd1: 22500 ALAMEDA  
City,State,Zip: CARSON, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-11754

CERS:

Name: STATE SALVAGE  
Address: 22500 ALAMEDA ST S  
City,State,Zip: CARSON, CA 90810  
Site ID: 187399  
CERS ID: T0603703845  
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE SALVAGE (Continued)

U002284746

Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

112  
ENE  
1/4-1/2  
0.294 mi.  
1551 ft.

ACTA SOUTH - PARCEL SE-351  
S ALAMEDA ST  
CARSON, CA 90810

CA CPS-SLIC S105638225  
CA CHMIRS N/A  
CA CERS

Relative:  
Higher

Actual:  
28 ft.

CPS-SLIC:  
Name: ACTA SOUTH - PARCEL SE-351  
Address: S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 05/06/2003  
Global Id: SL0603780998  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.815408  
Longitude: -118.231928  
Case Type: Cleanup Program Site  
Case Worker: SH  
Local Agency: Not reported  
RB Case Number: 0747H4  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

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

Name: ACTA SOUTH - PARCEL SE-349  
Address: S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 04/04/2003  
Global Id: SL0603711571  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.815408  
Longitude: -118.231928  
Case Type: Cleanup Program Site  
Case Worker: SH  
Local Agency: Not reported  
RB Case Number: 0747G7  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ACTA SOUTH - PARCEL SE-351 (Continued)

S105638225

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

CHMIRS:

Name:	Not reported
Address:	S ALAMEDA ST & EAST 223RD ST
City,State,Zip:	CARSON, CA
OES Incident Number:	11046
OES notification:	Not reported
OES Date:	11/26/1995
OES Time:	11:10:12 AM
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	la co health haz mat/priv cleanup co
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1995
Agency:	la co fire
Incident Date:	2001 25Nov95
Admin Agency:	Not reported
Amount:	75 gals 10 gals
Contained:	NO
Site Type:	RD
E Date:	Not reported
Substance:	diesel gas
Unknown:	Not reported
Substance #2:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACTA SOUTH - PARCEL SE-351 (Continued)**

**S105638225**

Substance #3: Not reported  
Evacuations: NO  
Number of Injuries: NO  
Number of Fatalities: NO  
#1 Pipeline: Not reported  
#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
Fataals: Not reported  
Comments: Not reported  
Description: a tanker-trailer rig overturned resulting in crash.

**CERS:**

Name: ACTA SOUTH - PARCEL SE-351  
Address: S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 195953  
CERS ID: SL0603780998  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: SU HAN - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766735

Name: ACTA SOUTH - PARCEL SE-349  
Address: S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 246358  
CERS ID: SL0603711571  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: SU HAN - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766735

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

U113  
NW  
1/4-1/2  
0.295 mi.  
1558 ft.

WAKUNAGA OF AMER CO LTD, WILMI  
22010 S. WILMINGTON AVE  
CARSON, CA 90745

CA CPS-SLIC  
CA EMI  
CA CERS

S106484038  
N/A

Site 2 of 2 in cluster U

Relative:  
Higher

CPS-SLIC:

Actual:  
27 ft.

Name: DOMINGUEZ ENERGY, L.P DOMINGUEZ ENERGY L.P.  
Address: 22010 S. WILMINGTON AVE #400  
City,State,Zip: CARSON, CA  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 04/18/2012  
Global Id: SL204AD2845  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.860580382042  
Longitude: -118.241214752197  
Case Type: Cleanup Program Site  
Case Worker: GAC  
Local Agency: Not reported  
RB Case Number: 0226A  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply, Soil  
Potential Contaminants of Concern: Not reported  
Site History: Seven groundwater monitoring wells were sounded, purged, and sampled on December 29 (MW-3, MW-4, MW-6, and MW-7) and December 30, 2008 (MW-1, MW-2, and MW-5) by Blaine Tech Services, Inc. Approximately 700 gallons of purge water were pumped into a vacuum truck and disposed of as non-hazardous waste at Demenno/Kerdoon in Compton, California. Samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-gas) and total petroleum hydrocarbons as diesel (TPHdiesel) using United States Environmental Protection Agency (U.S.EPA) 8015M and for volatile organic compounds (VOCs) using U.S.EPA Method 8260B. Analysis for semi-volatile organic compounds was discontinued, as approved in the RWQCB letter dated January 31, 2007. Based on the laboratory results, groundwater samples collected from the seven wells were not reported to contain hydrocarbons in the TPH-diesel range, although hydrocarbons in the TPH-gas range were reported in MW-2 (73 micrograms per liter [ug/l]). Naphthalene was reported in MW-2 at 6.1 ug/l, and isopropylbenzene was reported in MW-2 and MW-5 at 1.1 ug/l and 1.6 ug/l, respectively. No other VOCs were reported in the seven wells above their respective laboratory detection limits.

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

EMI:

Name: WAKUNAGA OF AMER CO LTD, WILMI  
Address: 22010 S. WILMINGTON AVE  
City,State,Zip: CARSON, CA 90745  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 61709  
Air District Name: SC  
SIC Code: 5499  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WAKUNAGA OF AMER CO LTD, WILMI (Continued)**

**S106484038**

Consolidated Emission Reporting Rule: Not reported  
 Total Organic Hydrocarbon Gases Tons/Yr: 0  
 Reactive Organic Gases Tons/Yr: 0  
 Carbon Monoxide Emissions Tons/Yr: 0  
 NOX - Oxides of Nitrogen Tons/Yr: 0  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr: 0  
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0

**CERS:**

Name: DOMINGUEZ ENERGY, L.P DOMINGUEZ ENERGY L.P.  
 Address: 22010 S. WILMINGTON AVE #400  
 City,State,Zip: CARSON, CA  
 Site ID: 243287  
 CERS ID: SL204AD2845  
 CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
 Entity Name: GREGG CRANDALL - LOS ANGELES RWQCB (REGION 4)  
 Entity Title: Not reported  
 Affiliation Address: 320 W. 4TH ST., SUITE 200  
 Affiliation City: LOS ANGELES  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

V114  
 SE  
 1/4-1/2  
 0.297 mi.  
 1566 ft.

**ALAMEDA STREET LANDFILL**  
**22700 SOUTH ALAMEDA STREET**  
**CARSON, CA 90745**

CA SWF/LF S102360893  
 CA CERS N/A  
 CA LOS ANGELES CO LF METHANE

**Site 1 of 8 in cluster V**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

SWF/LF (SWIS):  
 Name: ALAMEDA STREET LANDFILL  
 Address: 22700 SO ALAMEDA ST  
 City,State,Zip: CARSON, CA  
 Facility ID: 19-AQ-0013  
 Lat/Long: 33.81667 / -118.22778  
 Owner Name: Watson Land Company  
 Owner Telephone: 3107753486  
 Owner Address: Not reported  
 Owner Address2: 22010 So Wilmington Ave Ste 400  
 Owner City,St,Zip: Carson, CA 90745  
 Operational Status: Closed  
 Operator: Not reported  
 Operator Phone: Not reported  
 Operator Address: Not reported  
 Operator Address2: Not reported  
 Operator City,St,Zip: Not reported  
 Permit Date: Not reported  
 Permit Status: Not reported  
 Permitted Acreage: \$0.00  
 Activity: Solid Waste Disposal Site  
 Regulation Status: Unpermitted  
 Landuse Name: Industrial,Commercial

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALAMEDA STREET LANDFILL (Continued)**

**S102360893**

GIS Source: Map  
Category: Disposal  
Unit Number: 01  
Inspection Frequency: Annual  
Accepted Waste: Not reported  
Closure Date: Not reported  
Closure Type: Not reported  
Disposal Acreage: \$0.00  
SWIS Num: 19-AQ-0013  
Waste Discharge Requirement Num: Not reported  
Program Type: Not reported  
Permitted Throughput with Units: Not reported  
Actual Throughput with Units: Not reported  
Permitted Capacity with Units: Not reported  
Remaining Capacity: Not reported  
Remaining Capacity with Units: Not reported  
Lat/Long: 33.81667 / -118.22778

**LOS ANGELES CO. LF:**

Name: ALAMEDA STREET LANDFILL  
Address: 22700 SOUTH ALAMEDA STREET  
City,State,Zip: CARSON, CA 90745  
Site ID: 1870  
Alt. Address: 23000 South Alameda Street, Long Beach, CA 90510  
Site Contact: Not reported  
Site Contact Phone: Not reported  
Site Email: Not reported  
Site Website: Not reported  
Site Type: Designated Waste Landfill  
Site SWIS Number: 19-AQ-0013  
Beginning Operation Date: Not reported  
Ending Operation Date: Oct-63  
Local Enforcement Agency: County Public Health  
Maximun Depth Fill(Ft): 25  
Permitted Capacity: Not reported  
Present Use: Commercial  
Remaining Capacity(Million): Not reported  
Status: Closed  
Waste Accepted: Not reported  
Hours of Operation: Not reported  
Disposal Area (Acre): 57

**Detail As Of 01/2014:**

Operator Name: J.A. Cassidy  
Operator Address: Not reported  
Operator City/State/Zip: Not reported  
Operator Contact: Not reported  
Operator Telephone: Not reported  
Operator Email: Not reported  
Owner Name: Watson Land Company  
Owner Address: 22010 South Wilmington Ave; Suite 400  
Owner City/State/Zip: Carson, CA 90745  
Owner Contact: Mike Genewick  
Owner Telephone: (310) 755-3486  
Owner Email: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALAMEDA STREET LANDFILL (Continued)**

**S102360893**

**CERS:**

Name: ALAMEDA STREET LANDFILL  
 Address: 22700 SO ALAMEDA ST  
 City,State,Zip: CARSON, CA  
 Site ID: 506564  
 CERS ID: 19-AQ-0013  
 CERS Description: Solid Waste and Recycle Sites

**Affiliation:**

Affiliation Type Desc: Legal Owner  
 Entity Name: WATSON LAND COMPANY  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Carson  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 90745  
 Affiliation Phone: 3107753486

**LOS ANGELES CO LF METHANE:**

Name: ALAMEDA STREET LANDFILL  
 Address: 22700 SOUTH ALAMEDA STREET  
 City,State,Zip: CARSON, CA 90745  
 Site Number: 1870  
 Status: Closed  
 Description: Designated Waste Landfill  
 Operator Name: J.A. Cassidy  
 Operator Telephone: Not reported

V115  
 SE  
 1/4-1/2  
 0.297 mi.  
 1566 ft.

**CASSIDY & CRISMAN-CARSON**  
**22700 SOUTH ALAMEDA**  
**CARSON, CA**  
 Site 2 of 8 in cluster V

CA WMUDS/SWAT S104156337  
 N/A

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

WMUDS/SWAT:  
 Edit Date: Not reported  
 Complexity: Not reported  
 Primary Waste: Not reported  
 Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Base Meridian: Not reported  
 NPID: Not reported  
 Tonnage: 0  
 Regional Board ID: Not reported  
 Municipal Solid Waste: False  
 Superorder: False  
 Open To Public: False  
 Waste List: False  
 Agency Type: Not reported  
 Agency Name: CASSIDY & CRISMAN  
 Agency Department: Not reported  
 Agency Address: Not reported  
 Agency City,St,Zip: Not reported  
 Agency Contact: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CASSIDY & CRISMAN-CARSON (Continued)**

**S104156337**

Agency Telephone: Not reported  
 Land Owner Name: Not reported  
 Land Owner Address: Not reported  
 Land Owner City,St,Zip: CA  
 Land Owner Contact: Not reported  
 Land Owner Phone: Not reported  
 Region: 4  
 Facility Type: Not reported  
 Facility Description: Not reported  
 Facility Telephone: Not reported  
 SWAT Facility Name: Not reported  
 Primary SIC: Not reported  
 Secondary SIC: Not reported  
 Comments: Not reported  
 Last Facility Editors: Not reported  
 Waste Discharge System: False  
 Solid Waste Assessment Test Program: True  
 Toxic Pits Cleanup Act Program: False  
 Resource Conservation Recovery Act: False  
 Department of Defence: False  
 Solid Waste Assessment Test Program: CASSIDY & CRISMAN  
 Threat to Water Quality: Not reported  
 Sub Chapter 15: False  
 Regional Board Project Officer: LT  
 Number of WMUDS at Facility: 1  
 Section Range: Not reported  
 RCRA Facility: Not reported  
 Waste Discharge Requirements: Not reported  
 Self-Monitoring Rept. Frequency: Not reported  
 Waste Discharge System ID: 4 190175NUR  
 Solid Waste Information ID: Not reported

V116  
 SE  
 1/4-1/2  
 0.297 mi.  
 1566 ft.

**ALAMEDA STREET  
 22700 SOUTH ALAMEDA STREET  
 CARSON, CA**

**CA WMUDS/SWAT S104156307  
 N/A**

**Site 3 of 8 in cluster V**

**Relative:  
 Higher  
 Actual:  
 27 ft.**

WMUDS/SWAT:  
 Edit Date: Not reported  
 Complexity: Not reported  
 Primary Waste: Not reported  
 Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Base Meridian: Not reported  
 NPID: Not reported  
 Tonnage: 0  
 Regional Board ID: Not reported  
 Municipal Solid Waste: False  
 Superorder: False  
 Open To Public: False  
 Waste List: False  
 Agency Type: Not reported  
 Agency Name: ALAMEDA STREET  
 Agency Department: Not reported  
 Agency Address: 2900 SOUTH ALAMEDA  
 Agency City,St,Zip: CARSON

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALAMEDA STREET (Continued)**

**S104156307**

Agency Contact: Not reported  
 Agency Telephone: Not reported  
 Land Owner Name: DRESSER, NETTIE CO. EXEC.  
 Land Owner Address: P.O. BOX 01736  
 Land Owner City,St,Zip: LOS ANGELES, CA 90001  
 Land Owner Contact: Not reported  
 Land Owner Phone: Not reported  
 Region: 4  
 Facility Type: Not reported  
 Facility Description: Not reported  
 Facility Telephone: Not reported  
 SWAT Facility Name: Not reported  
 Primary SIC: Not reported  
 Secondary SIC: Not reported  
 Comments: Not reported  
 Last Facility Editors: Not reported  
 Waste Discharge System: False  
 Solid Waste Assessment Test Program: True  
 Toxic Pits Cleanup Act Program: False  
 Resource Conservation Recovery Act: False  
 Department of Defence: False  
 Solid Waste Assessment Test Program: ALAMEDA STREET  
 Threat to Water Quality: Not reported  
 Sub Chapter 15: False  
 Regional Board Project Officer: R\_N  
 Number of WMUDS at Facility: 1  
 Section Range: Not reported  
 RCRA Facility: Not reported  
 Waste Discharge Requirements: Not reported  
 Self-Monitoring Rept. Frequency: Not reported  
 Waste Discharge System ID: 4 190017NUR  
 Solid Waste Information ID: Not reported

117  
 ESE  
 1/4-1/2  
 0.300 mi.  
 1582 ft.  
 Relative:  
 Higher  
 Actual:  
 28 ft.

**STATE SALVAGE INC**  
**22500 S ALAMEDA ST**  
**CARSON, CA 91316**

SWRCY:  
 Name: CORRIDOR RECYCLING  
 Address: 22500 S ALAMEDA ST  
 City,State,Zip: CARSON, CA 90810  
 Reg Id: 28066  
 Cert Id: RC6764  
 Mailing Address: 22500 S Alameda St  
 Mailing City: Long Beach  
 Mailing State: CA  
 Mailing Zip Code: 90810  
 Website: Not reported  
 Email: gdodson@corridorrecycling.com  
 Phone Number: (310) 835-9109  
 Rural: N  
 Operation Begin Date: 12/01/1995  
 Aluminium: Y

CA SWRCY  
 CA CERS HAZ WASTE  
 CA HIST UST  
 CA CERS TANKS  
 CA NPDES  
 CA PROC  
 CA CIWQS  
 CA CERS

**U001567256**  
**N/A**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

Glass: Y  
Plastic: Y  
Bimetal: Y  
Hours of Operation: Mon - Fri 7:00 am - 5:00 pm; Sat 7:00 am - 3:30 pm; Sun Closed  
Organization ID: 18863  
Organization Name: Corridor Recycling Inc

**CERS HAZ WASTE:**

Name: CORRIDOR RECYCLING  
Address: 22500 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 390602  
CERS ID: 10263799  
CERS Description: Hazardous Waste Generator

**HIST UST:**

Name: STATE SALVAGE INC  
Address: 22500 S ALAMEDA ST  
City,State,Zip: CARSON, CA 91316  
File Number: 00026E18  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026E18.pdf>  
Region: STATE  
Facility ID: 00000050551  
Facility Type: Other  
Other Type: RECYCLING ALUM. CANS  
Contact Name: Not reported  
Telephone: 2137757035  
Owner Name: HILLARD LEWINSON  
Owner Address: 5401 ZELZAH AVE.  
Owner City,St,Zip: ENCINO, CA 91316  
Total Tanks: 0002

Tank Num: 001  
Container Num: (1)  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: (2)  
Year Installed: 1972  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

**CERS TANKS:**

Name: CORRIDOR RECYCLING  
Address: 22500 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE SALVAGE INC (Continued)

U001567256

Site ID: 390602  
CERS ID: 10263799  
CERS Description: Aboveground Petroleum Storage

NPDES:

Name: CORRIDOR RECYCLING  
Address: 22500 S ALAMEDA ST  
City, State, Zip: LONG BEACH, CA 90810  
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 19I014661  
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: 10/15/1998  
Operator Name: Corridor Recycling  
Operator Address: 22500 S Alameda St  
Operator City: Long Beach  
Operator State: California  
Operator Zip: 90810

NPDES as of 03/2018:

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 190738  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I014661  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 10/15/1998  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Corridor Recycling  
Discharge Address: 22500 S Alameda St  
Discharge City: Long Beach  
Discharge State: California  
Discharge Zip: 90810  
Received Date: Not reported  
Processed Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE SALVAGE INC (Continued)

U001567256

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
NPDES Number:	Not reported
Status:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

Agency Number: Not reported  
Region: 4  
Regulatory Measure ID: 190738  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 4 19I014661  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 05/09/2008  
Processed Date: 10/15/1998  
Status: Active  
Status Date: 10/15/1998  
Place Size: 3  
Place Size Unit: Acres  
Contact: Gilbert Dodson  
Contact Title: President  
Contact Phone: 310-835-9109  
Contact Phone Ext: Not reported  
Contact Email: gdodson@corridorrecycling.com  
Operator Name: Corridor Recycling  
Operator Address: 22500 S Alameda St  
Operator City: Long Beach  
Operator State: California  
Operator Zip: 90810  
Operator Contact: Gilbert Dodson  
Operator Contact Title: President  
Operator Contact Phone: 310-835-9109  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: gdodson@corridorrecycling.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 310-835-9109  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE SALVAGE INC (Continued)

U001567256

Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Dominguez Channel  
Certifier: Gilbert Dodson  
Certifier Title: President  
Certification Date: 23-JUN-15  
Primary Sic: 5093-Scrap and Waste Materials  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

Name: CORRIDOR RECYCLING  
Address: 22500 S ALAMEDA ST  
City,State,Zip: LONG BEACH, CA 90810  
Facility Status: Active  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 190738  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19I014661  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 10/15/1998  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 22500 S Alameda St  
Discharge Name: Corridor Recycling  
Discharge City: Long Beach  
Discharge State: California  
Discharge Zip: 90810  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 190738  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I014661



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/15/1998
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Corridor Recycling
Discharge Address:	22500 S Alameda St
Discharge City:	Long Beach
Discharge State:	California
Discharge Zip:	90810
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE SALVAGE INC (Continued)

U001567256

Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	190738
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I014661
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	10/15/1998
Status:	Active
Status Date:	10/15/1998
Place Size:	3
Place Size Unit:	Acres
Contact:	Gilbert Dodson
Contact Title:	President
Contact Phone:	310-835-9109
Contact Phone Ext:	Not reported
Contact Email:	gdodson@corridorrecycling.com
Operator Name:	Corridor Recycling
Operator Address:	22500 S Alameda St
Operator City:	Long Beach
Operator State:	California
Operator Zip:	90810
Operator Contact:	Gilbert Dodson
Operator Contact Title:	President
Operator Contact Phone:	310-835-9109
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	gdodson@corridorrecycling.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 310-835-9109  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Dominguez Channel  
Certifier: Gilbert Dodson  
Certifier Title: President  
Certification Date: 23-JUN-15  
Primary Sic: 5093-Scrap and Waste Materials  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

**PROC:**

Name: CORRIDOR RECYCLING  
Address: 22500 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Reg Id: 28064  
Cert Id: PRO215  
Organization Id: Not reported  
Organization Name: Corridor Recycling Inc  
Mailing Address: 22500 S Alameda St  
Mailing City: Long Beach  
Mailing State: CA  
Mailing Zip Code: 90810  
Website: Not reported  
Email: gdodson@corridorrecycling.com  
Phone Number: (310) 835-9109  
Rural: N/A  
Operation Begin Date: 12/01/1995  
Aluminium: Not reported  
Glass: Not reported  
Plastic: Not reported  
Bimetal: Not reported  
Hours of Operation: Mon - Fri 7:00 am - 5:00 pm; Sat 7:00 am - 3:30 pm; Sun Closed

**CIWQS:**

Name: CORRIDOR RECYCLING  
Address: 22500 S ALAMEDA ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE SALVAGE INC (Continued)

U001567256

City,State,Zip: LONG BEACH, CA 90810  
Agency: State Salvage  
Agency Address: 22500 S Alameda St, Long Beach, CA 90810  
Place/Project Type: Industrial - Secondary Smelting and Refining of Nonferrous Metals  
SIC/NAICS: 3341  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I002507  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 03/31/1992  
Termination Date: 08/18/1999  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.82132  
Longitude: -118.22973

Name: CORRIDOR RECYCLING  
Address: 22500 S ALAMEDA ST  
City,State,Zip: LONG BEACH, CA 90810  
Agency: Corridor Recycling  
Agency Address: 22500 S Alameda St, Long Beach, CA 90810  
Place/Project Type: Industrial - Scrap and Waste Materials  
SIC/NAICS: 5093  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I014661  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 10/15/1998  
Termination Date: Not reported  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.82132  
Longitude: -118.22973

CERS:

Name: CORRIDOR RECYCLING  
Address: 22500 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 390602

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

CERS ID: 10263799  
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 390602  
Site Name: CORRIDOR RECYCLING  
Violation Date: 06-13-2019  
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174

Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.

Violation Notes: Returned to compliance on 06/19/2019. OBSERVATION: Observed accumulation of debris and liquids in internal area of secondary containment areas holding hazardous wastes/materials drums/containers/aboveground storage tanks located at back exterior yard. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the areas listed above has been properly cleaned .

Violation Division: Los Angeles County Fire Department

Violation Program: HW

Violation Source: CERS

Site ID: 390602  
Site Name: CORRIDOR RECYCLING  
Violation Date: 06-18-2019  
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.

Violation Notes: Returned to compliance on 07/15/2019. OBSERVATION: Failure to prepare SPCC. The following containers/drums/aboveground storage tanks (ASTs) containing petroleum products were observed at the time of inspection:  
- 1 x 55-gallon plastic container containing HW used oils; - 1 x 55-gallon drum containing HW used diesel fuels; - 3 x 55-gallon drums containing HM hydraulic oils; - 1 x 400-gallon AST containing HM diesel fuel; - 1 x 1200 gallon AST containing HM hydraulic oil (inside the baler) CORRECTIVE ACTION: Prepare SPCC.

Violation Division: Los Angeles County Fire Department

Violation Program: APSA

Violation Source: CERS

Site ID: 390602  
Site Name: CORRIDOR RECYCLING  
Violation Date: 06-13-2019  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. 2019 California Environmental Reporting System (CERS) submittal was missing/inaccurate; Reviewed CERS submittals submitted on 5/10/2019 and found the following needed to be addressed: - Not using the most up-to-date form to complete facility's Consolidated Emergency Response / Contingency Plan (CER/CP); Old CER/CP form was used - please use attached Rev. 03/07/17 CER/CP form; - Missing the check mark for "2. Hazardous Wastes" on Page 1 of facility's consolidated emergency response / contingency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE SALVAGE INC (Continued)

U001567256

plan; - Missing check mark for "Portable Gas Cylinders" under Section H. Earthquake Vulnerability on Page 4 of facility's consolidated emergency response / contingency plan; - Missing required contents (locations of storm, sewer drains, and emergency shutoffs [Truncated])

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 390602  
Site Name: CORRIDOR RECYCLING  
Violation Date: 10-06-2015  
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections

Violation Description: Haz Waste Generator Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 10/06/2015. OBSERVATION: Owner/Operator failed to adequately label hazardous materials. Observed a 55 gallon container of material labeled as phosphoric acid stored along with used oil and used gasoline containers. Operator stated that the material is not acid but sugar syrup emptied from recycled containers from a pie company. Operator directed staff to correct the label of the container during the inspection. Corrected on site. CORRECTIVE ACTION: Hazardous materials that are mislabeled or not adequately labeled must be properly labeled within 10 days or be managed as a hazardous waste. 22 CCR11 66261.2(f)

Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 390602  
Site Name: CORRIDOR RECYCLING  
Violation Date: 10-06-2015  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 06/21/2017. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for list of materials below to the CUPA. Observed hazardous materials not in the inventory page of CERS: - 110 gallons of used gasoline - 55 gallons of liquid corrosive degreaser - 12,000 cuft of compressed oxygen Observed hazardous materials in the inventory but with incorrect volume: - diesel on site at 400 gallons (600 gallons in CERS) - propane on site at 5,500 cuft (21,324 gallons in CERS) CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).

Violation Division: Los Angeles County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-13-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-13-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Kenneth J. Kim, Sales and Buyer  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-13-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Kenneth J. Kim, Sales and Buyer  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-06-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Kenneth Kim, Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-06-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Kenneth Kim, Manager.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 12-07-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed CERS submittals. NOV abated.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Coordinates:  
Site ID: 390602  
Facility Name: CORRIDOR RECYCLING  
Env Int Type Code: HMBP  
Program ID: 10263799  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

Latitude: 33.821280  
Longitude: -118.228520

Affiliation:

Affiliation Type Desc: Identification Signer  
Entity Name: Gilbert Dodson  
Entity Title: President  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: GILBERT DODSON  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 835-9109

Affiliation Type Desc: Document Preparer  
Entity Name: GILBERT DODSON  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: GILBERT DODSON  
Entity Title: Not reported  
Affiliation Address: 22500 S ALAMEDA ST  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 22500 S ALAMEDA ST  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: CORRIDOR RECYCLING  
Entity Title: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027  
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Legal Owner  
Entity Name: GILBERT DODSON  
Entity Title: Not reported  
Affiliation Address: 22500 S ALAMEDA ST  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 835-9109

Affiliation Type Desc: Property Owner  
Entity Name: GILBERT DODSON  
Entity Title: Not reported  
Affiliation Address: 22500 South Alameda Street  
Affiliation City: Long Beach  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 835-9109

Name: CORRIDOR RECYCLING  
Address: 22500 S ALAMEDA ST  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 529856  
CERS ID: 215813  
CERS Description: Industrial Facility Storm Water

Violations:  
Site ID: 529856  
Site Name: Corridor Recycling  
Violation Date: 01-23-2009  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: 316 & 218 mg/L of TSS, 902 & 785 mg/L of COD, 728 & 740 ?mhos/cm of SC, and 5.27 & 5.14 mg/L of Al were detected at the sample locations, Outfall # 1 & Outfall # 3, respectively, on 01/23/2009.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

Site ID: 529856  
Site Name: Corridor Recycling  
Violation Date: 07-02-1999  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient Report  
Violation Notes: Non-submittal of Annual Report. Due 7//1/1999  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

Site ID: 529856  
Site Name: Corridor Recycling  
Violation Date: 01-12-2001  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient BMP Implementation  
Violation Notes: No containment around diesel oil storage.  
Violation Division: Water Boards  
Violation Program: INDSTW  
Violation Source: SMARTS

**Evaluation:**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-12-2001  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: Company was in compliance with the exception of the diesel fuel storage tank.  
Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-01-2006  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: Minor violations observed. Storm drain inlet filter had pieces of paper and needed to be cleaned out. Verbal warning was issued to plant manager. Site was otherwise in compliance and SWPPP and complete.  
Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS

**Enforcement Action:**

Site ID: 529856  
Site Name: Corridor Recycling  
Site Address: 22500 S ALAMEDA ST  
Site City: LONG BEACH  
Site Zip: 90810  
Enf Action Date: 01-12-2001  
Enf Action Type: Notice to Comply  
Enf Action Description: Notice to Comply  
Enf Action Notes: Field Notice to Comply issued 1/12/01 for noncompliance with industrial stormwater permit.  
Enf Action Division: Water Boards  
Enf Action Program: INDSTW  
Enf Action Source: SMARTS

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STATE SALVAGE INC (Continued)**

**U001567256**

Site ID: 529856  
 Site Name: Corridor Recycling  
 Site Address: 22500 S ALAMEDA ST  
 Site City: LONG BEACH  
 Site Zip: 90810  
 Enf Action Date: 03-09-2010  
 Enf Action Type: Staff Enforcement Letter  
 Enf Action Description: Staff Enforcement Letter  
 Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that the permittee will develop and implement the BMPs to reduce or prevent pollutants in SW discharges. Letter also required permittee to submit evidence of implemented additional BMPs and SWPPP amendments if the permittee is already implementing the BMPs.  
 Enf Action Division: Water Boards  
 Enf Action Program: INDSTW  
 Enf Action Source: SMARTS

Affiliation:  
 Affiliation Type Desc: Owner/Operator  
 Entity Name: Corridor Recycling  
 Entity Title: Operator  
 Affiliation Address: 22500 S Alameda St  
 Affiliation City: Long Beach  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 90810  
 Affiliation Phone: Not reported

V118  
 SE  
 1/4-1/2  
 0.302 mi.  
 1595 ft.

**HARDWICK'S DISPOSAL PIT**  
**22620 S. ALAMEDA ST.**  
**LONG BEACH, CA**  
**Site 4 of 8 in cluster V**

CA SWF/LF S103587979  
 CA CERS N/A

Relative:  
 Higher  
 Actual:  
 26 ft.

SWF/LF (SWIS):  
 Name: HARDWICK'S DISPOSAL PIT  
 Address: 22620 S. ALAMEDA ST.  
 City,State,Zip: LONG BEACH, CA  
 Facility ID: 19-AQ-0015  
 Lat/Long: 33.81667 / -118.22778  
 Owner Name: Super Service Center & Other Companies  
 Owner Telephone: Not reported  
 Owner Address: Not reported  
 Owner Address2: 22522 Alameda St.  
 Owner City,St,Zip: Carson, CA  
 Operational Status: Closed  
 Operator: Not reported  
 Operator Phone: Not reported  
 Operator Address: Not reported  
 Operator Address2: Not reported  
 Operator City,St,Zip: Not reported  
 Permit Date: Not reported  
 Permit Status: Not reported  
 Permitted Acreage: \$0.00  
 Activity: Solid Waste Disposal Site  
 Regulation Status: Permitted

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HARDWICK'S DISPOSAL PIT (Continued)**

**S103587979**

Landuse Name: Urban,Commercial  
 GIS Source: Map  
 Category: Disposal  
 Unit Number: 01  
 Inspection Frequency: Annual  
 Accepted Waste: Not reported  
 Closure Date: Not reported  
 Closure Type: Not reported  
 Disposal Acreage: \$0.00  
 SWIS Num: 19-AQ-0015  
 Waste Discharge Requirement Num: Not reported  
 Program Type: Not reported  
 Permitted Throughput with Units: 0  
 Actual Throughput with Units: Not reported  
 Permitted Capacity with Units: 0  
 Remaining Capacity: 0  
 Remaining Capacity with Units: Not reported  
 Lat/Long: 33.81667 / -118.22778

**CERS:**

Name: HARDWICK'S DISPOSAL PIT  
 Address: 22620 S. ALAMEDA ST.  
 City,State,Zip: LONG BEACH, CA  
 Site ID: 509117  
 CERS ID: 19-AQ-0015  
 CERS Description: Solid Waste and Recycle Sites

**Affiliation:**

Affiliation Type Desc: Legal Owner  
 Entity Name: Super Service Center & Other Companies  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Carson  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

V119  
 SE  
 1/4-1/2  
 0.302 mi.  
 1595 ft.

**HARDWICK DISPOSAL PIT NO. 44**  
**22620 SOUTH ALAMEDA STREET**  
**CARSON, CA 90810**  
**Site 5 of 8 in cluster V**

**CA WMUDS/SWAT S104156315**  
**CA LDS N/A**  
**CA CERS**

**Relative:**  
**Higher**

WMUDS/SWAT:  
 Edit Date: Not reported  
 Complexity: Not reported  
 Primary Waste: Not reported  
 Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Base Meridian: Not reported  
 NPID: Not reported  
 Tonnage: 0  
 Regional Board ID: Not reported  
 Municipal Solid Waste: False  
 Superorder: False

**Actual:**  
**26 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARDWICK DISPOSAL PIT NO. 44 (Continued)**

**S104156315**

Open To Public: False  
Waste List: False  
Agency Type: Not reported  
Agency Name: HARDWICK  
Agency Department: Not reported  
Agency Address: 3801 WESTON PLACE  
Agency City,St,Zip: LONG BEACH 90807  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Land Owner Name: DRESSER, NETTIE CO. EXEC.  
Land Owner Address: P.O. BOX 01736  
Land Owner City,St,Zip: LOS ANGELES, CA 90001  
Land Owner Contact: Not reported  
Land Owner Phone: Not reported  
Region: 4  
Facility Type: Not reported  
Facility Description: Not reported  
Facility Telephone: Not reported  
SWAT Facility Name: Not reported  
Primary SIC: Not reported  
Secondary SIC: Not reported  
Comments: Not reported  
Last Facility Editors: Not reported  
Waste Discharge System: False  
Solid Waste Assessment Test Program: True  
Toxic Pits Cleanup Act Program: False  
Resource Conservation Recovery Act: False  
Department of Defence: False  
Solid Waste Assessment Test Program: HARDWICK  
Threat to Water Quality: Not reported  
Sub Chapter 15: False  
Regional Board Project Officer: DJP  
Number of WMUDS at Facility: 1  
Section Range: Not reported  
RCRA Facility: Not reported  
Waste Discharge Requirements: Not reported  
Self-Monitoring Rept. Frequency: Not reported  
Waste Discharge System ID: 4 190040NUR  
Solid Waste Information ID: Not reported

LDS:

Name: HARDWICK DISPOSAL PIT NO. 44  
Address: 22620 SOUTH ALAMEDA STREET  
City,State,Zip: CARSON, CA 90810  
  
Global Id: T10000004890  
Latitude: 33.79886  
Longitude: -118.2471  
Case Type: Land Disposal Site  
Status: Completed - Case Closed  
Status Date: 05/25/2016  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Caseworker: WY  
Local Agency: Not reported  
RB Case Number: 53-221  
LOC Case Number: Not reported  
File Location: Regional Board

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARDWICK DISPOSAL PIT NO. 44 (Continued)**

**S104156315**

Potential Media Affect: Not reported  
EDR Link ID: T10000004890  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

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

**CERS:**

Name: HARDWICK DISPOSAL PIT NO. 44  
Address: 22620 SOUTH ALAMEDA STREET  
City,State,Zip: CARSON, CA 90810  
Site ID: 252483  
CERS ID: T10000004890  
CERS Description: Land Disposal Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: Wen Yang - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2136202253

V120  
SE  
1/4-1/2  
0.302 mi.  
1595 ft.

**ALLCO RECYCLING INC**  
**22620 ALAMEDA**  
**LONG BEACH, CA 90810**  
**Site 6 of 8 in cluster V**

**RCRA-SQG 1000818717**  
**CA SWF/LF CAD983646266**  
**FINDS**  
**ECHO**  
**CA HAZNET**  
**CA LOS ANGELES CO. HMS**

**Relative:**  
**Higher**

**Actual:**  
**26 ft.**

**RCRA-SQG:**

Date form received by agency: 08/19/1992  
Facility name: ALLCO RECYCLING INC  
Facility address: 22620 ALAMEDA  
LONG BEACH, CA 90810  
EPA ID: CAD983646266  
Mailing address: ALAMEDA  
LONG BEACH, CA 90810  
Contact: JAMES WALTON  
Contact address: 22620 ALAMEDA  
LONG BEACH, CA 90810  
Contact country: US  
Contact telephone: 310-835-0104  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLCO RECYCLING INC (Continued)**

**1000818717**

Owner/Operator Summary:

Owner/operator name: ALLCO RECYCLING INC  
Owner/operator address: 22620 ALAMEDA  
LONG BEACH, CA 90810  
Owner/operator country: Not reported  
Owner/operator telephone: 310-835-0104  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

LOS ANGELES CO. LF:

Name: HARDWICKS DISPOSAL PIT  
Address: 22620 SOUTH ALAMEDA STREET  
City,State,Zip: LONG BEACH, CA 90810  
Site ID: 1956  
Alt. Address: 22606 South Alameda Street, Long Beach, CA; 22522 - 22736 South Alameda Street, Carson, CA  
Site Contact: Not reported  
Site Contact Phone: Not reported  
Site Email: Not reported  
Site Website: Not reported  
Site Type: Unknown  
Site SWIS Number: 19-AQ-0015  
Beginning Operation Date: 1944  
Ending Operation Date: 1965  
Local Enforcement Agency: County Public Health  
Maximun Depth Fill(Ft): 32  
Permitted Capacity: Not reported  
Present Use: Industrial  
Remaining Capacity(Million): Not reported  
Status: Closed  
Waste Accepted: Not reported  
Hours of Operation: Not reported  
Disposal Area (Acre): 15

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLCO RECYCLING INC (Continued)**

**1000818717**

Detail As Of 01/2014:

Operator Name: J. Hardwick & Son  
Operator Address: Not reported  
Operator City/State/Zip: Not reported  
Operator Contact: Not reported  
Operator Telephone: Not reported  
Operator Email: Not reported  
Owner Name: Super Service Center & Other Companies  
Owner Address: 22522 Alameda St  
Owner City/State/Zip: Carson, CA  
Owner Contact: Not reported  
Owner Telephone: Not reported  
Owner Email: Not reported

FINDS:

Registry ID: 110002883265

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

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

ECHO:

Envid: 1000818717  
Registry ID: 110002883265  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002883265>

HAZNET:

Name: ALLCO RECYCLING INC  
Address: 22620 ALAMEDA  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 2002  
GEPaid: CAD983646266  
Contact: JAMES WALTON  
Telephone: 3108350104  
Mailing Name: Not reported  
Mailing Address: 22620 S ALAMEDA ST  
Mailing City,St,Zip: CARSON, CA 908101907  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 7.98



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLCO RECYCLING INC (Continued)**

**1000818717**

CA Waste Code: 135-Unspecified aqueous solution  
Method: R01-Recycler  
Facility County: Los Angeles

Name: ALLCO RECYCLING INC  
Address: 22620 ALAMEDA  
City,State,Zip: LONG BEACH, CA 908100000  
Year: 1999  
GEPaid: CAD983646266  
Contact: JAMES WALTON  
Telephone: 3108350104  
Mailing Name: Not reported  
Mailing Address: 22620 S ALAMEDA ST  
Mailing City,St,Zip: CARSON, CA 908101907  
Gen County: Los Angeles  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Tons: 0.651  
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent  
Method: H01-Transfer Station  
Facility County: Los Angeles

**LOS ANGELES CO. HMS:**

Name: ALLCO RECYCLING INC  
Address: 22620 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Region: LA  
Permit Category: Not reported  
Facility Id: 023332-032583  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

121  
WNW  
1/4-1/2  
0.305 mi.  
1609 ft.

**SHELL #204-1312-0401 (FORMER)**  
**22251 WILMINGTON AVE S**  
**CARSON, CA 90745**

**CA LUST S102436982**  
**CA HIST CORTESE N/A**  
**CA CERS**

**Relative:**  
**Higher**  
**Actual:**  
**25 ft.**

**LUST:**  
Name: SHELL #204-1312-0401 (FORMER)  
Address: 22251 WILMINGTON AVE S  
City,State,Zip: CARSON, CA 90745  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603702659](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702659)  
Global Id: T0603702659  
Latitude: 33.8250634  
Longitude: -118.2421594  
Status: Completed - Case Closed  
Status Date: 07/01/2010  
Case Worker: MB  
RB Case Number: I-00047  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-1312-0401 (FORMER) (Continued)**

**S102436982**

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: T0603702659  
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: T0603702659  
Contact Type: Regional Board Caseworker  
Contact Name: MAGDY BAIADY  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: LOS ANGELES  
Email: mbaady@waterboards.ca.gov  
Phone Number: 2135766699

LUST:

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 10/26/2009  
Action: Site Visit / Inspection / Sampling

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Conceptual Site Model

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Conceptual Site Model

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 12/07/2001  
Action: Staff Letter

Global Id: T0603702659  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-1312-0401 (FORMER) (Continued)**

**S102436982**

Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Conceptual Site Model

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2002  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 08/27/2003  
Action: Meeting

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 05/15/2001  
Action: 13267 Requirement

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 09/18/2003  
Action: 13267 Requirement

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 02/26/2010  
Action: Site Visit / Inspection / Sampling

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 04/23/2010  
Action: Notification - Preclosure

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-1312-0401 (FORMER) (Continued)**

**S102436982**

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Interim Remedial Action Plan

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2002  
Action: Other Report / Document

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 08/17/2005  
Action: Staff Letter

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 07/01/2010  
Action: Closure/No Further Action Letter

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2001  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2002  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2002  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-1312-0401 (FORMER) (Continued)**

**S102436982**

Date: 10/15/2001  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 10/29/2007  
Action: Staff Letter

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: REMEDIATION  
Date: 10/01/1999  
Action: Excavation

Global Id: T0603702659  
Action Type: Other  
Date: 02/19/1988  
Action: Leak Reported

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-1312-0401 (FORMER) (Continued)**

**S102436982**

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2007  
Action: Conceptual Site Model

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: ENFORCEMENT  
Date: 06/17/2002  
Action: Staff Letter

Global Id: T0603702659  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-1312-0401 (FORMER) (Continued)**

**S102436982**

Date: 07/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Conceptual Site Model

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Conceptual Site Model

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Conceptual Site Model

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-1312-0401 (FORMER) (Continued)**

**S102436982**

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Conceptual Site Model

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 07/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603702659  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

**LUST:**

Global Id: T0603702659  
Status: Open - Case Begin Date  
Status Date: 02/19/1988

Global Id: T0603702659  
Status: Open - Remediation  
Status Date: 11/09/2001

Global Id: T0603702659  
Status: Open - Site Assessment  
Status Date: 11/09/2001

Global Id: T0603702659  
Status: Completed - Case Closed  
Status Date: 07/01/2010



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-1312-0401 (FORMER) (Continued)**

**S102436982**

LUST REG 4:  
Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-00047  
Status: Remediation Plan  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: EDET  
Global ID: T0603702659  
W Global ID: Not reported  
Staff: MB  
Local Agency: 19000  
Cross Street: 223RD ST &405  
Enforcement Type: DLLET  
Date Leak Discovered: Not reported  
Date Leak First Reported: 2/19/1988  
Date Leak Record Entered: 3/7/1988  
Date Confirmation Began: Not reported  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 7/15/2002  
Date the Case was Closed: Not reported  
How Leak Discovered: Not reported  
How Leak Stopped: Not reported  
Cause of Leak: Not reported  
Leak Source: Not reported  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 2462.6212601193538973897865638  
Source of Cleanup Funding: Not reported  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: 11/9/2001  
Remediation Plan Submitted: 11/9/2001  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: 3/14/2001  
Historical Max MTBE Date: 1/1/1965  
Hist Max MTBE Conc in Groundwater: 130  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Yes  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: ED PADEN  
RP Address: P.O. BOX 7869  
Program: LUST  
Lat/Long: 33.8250634 / -1  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-1312-0401 (FORMER) (Continued)**

**S102436982**

Assigned Name: Not reported  
Summary: RECOMMENDED ADDL GW WELLS BE INSTALLED TO DEFINE THE PLUME; 7/15/00  
2ND QTR GW MON RPT 2000; 10/4/00 3RD QTR GW MON RPT 2000; 1/5/01 4TH  
QTR GW MON RPT 2000; 4/15/01 1ST QTR GW MON RPT 2001

**HIST CORTESE:**

edr\_fname: SHELL #204-1312-0401 (FOR  
edr\_fadd1: 22251 WILMINGTON  
City,State,Zip: CARSON, CA 90745  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-00047

**CERS:**

Name: SHELL #204-1312-0401 (FORMER)  
Address: 22251 WILMINGTON AVE S  
City,State,Zip: CARSON, CA 90745  
Site ID: 221154  
CERS ID: T0603702659  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: MAGDY BAIADY - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766699

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

V122  
SE  
1/4-1/2  
0.316 mi.  
1669 ft.

ALAMEDA ST SAN LDFL  
22700 S ALAMEDA ST  
CARSON, CA 90810  
Site 7 of 8 in cluster V

SEMS 1000297229  
CAD980636393

Relative:  
Higher

SEMS:  
Site ID: 0901806  
EPA ID: CAD980636393  
Cong District: 32  
FIPS Code: 06037  
Latitude: Not reported  
Longitude: Not reported

Actual:  
25 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALAMEDA ST SAN LDFL (Continued)**

**1000297229**

FF: N  
NPL: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Detail:

Region: 09  
Site ID: 0901806  
EPA ID: CAD980636393  
Site Name: ALAMEDA ST SAN LDFL  
NPL: N  
FF: N  
OU: 00  
Action Code: SI  
Action Name: SI  
SEQ: 1  
Start Date: 1991-07-06 04:00:00  
Finish Date: 7/6/1991 4:00:00 AM  
Qual: H  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0901806  
EPA ID: CAD980636393  
Site Name: ALAMEDA ST SAN LDFL  
NPL: N  
FF: N  
OU: 00  
Action Code: OO  
Action Name: SITE REASS  
SEQ: 1  
Start Date: 2013-07-01 05:00:00  
Finish Date: 10/1/2014 4:00:00 AM  
Qual: N  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0901806  
EPA ID: CAD980636393  
Site Name: ALAMEDA ST SAN LDFL  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 2  
Start Date: 1988-12-21 05:00:00  
Finish Date: 12/21/1988 5:00:00 AM  
Qual: L  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0901806  
EPA ID: CAD980636393  
Site Name: ALAMEDA ST SAN LDFL  
NPL: N  
FF: N  
OU: 00  
Action Code: DS

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALAMEDA ST SAN LDFL (Continued)**

**1000297229**

Action Name:	DISCVRY
SEQ:	1
Start Date:	1979-11-01 05:00:00
Finish Date:	11/1/1979 5:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0901806
EPA ID:	CAD980636393
Site Name:	ALAMEDA ST SAN LDFL
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-11-01 06:00:00
Finish Date:	11/1/1984 6:00:00 AM
Qual:	L
Current Action Lead:	EPA Perf

V123  
 SE  
 1/4-1/2  
 0.316 mi.  
 1669 ft.

**ALAMEDA ST SAN LDFL**  
**22700 S ALAMEDA ST**  
**CARSON, CA 90810**  
**Site 8 of 8 in cluster V**

**CA ENVIROSTOR S106829069**  
**CA EMI N/A**

**Relative:**  
**Higher**  
**Actual:**  
**25 ft.**

ENVIROSTOR:  
 Name: ALAMEDA ST SAN LDFL  
 Address: 22700 S ALAMEDA ST  
 City,State,Zip: CARSON, CA 90810  
 Facility ID: 60001198  
 Status: Inactive - Needs Evaluation  
 Status Date: 10/02/2018  
 Site Code: 400860  
 Site Type: Evaluation  
 Site Type Detailed: Evaluation  
 Acres: 19  
 NPL: NO  
 Regulatory Agencies: SMBRP, US EPA  
 Lead Agency: US EPA  
 Program Manager: Not reported  
 Supervisor: Manny Alonzo  
 Division Branch: Cleanup Cypress  
 Assembly: 64  
 Senate: 35  
 Special Program: EPA - PASI  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: EPA Grant  
 Latitude: 33.81947  
 Longitude: -118.2303  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALAMEDA ST SAN LDFL (Continued)**

**S106829069**

Potential Description: NONE SPECIFIED  
Alias Name: 400860  
Alias Type: Project Code (Site Code)  
Alias Name: 60001198  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: PA/SI Reassessment  
Completed Date: 03/17/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: PA/SI Reassessment  
Completed Date: 05/29/2015  
Comments: Not reported

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

EMI:

Name: COMMON MARKET CONTAINER SERVIC  
Address: 22700 S ALAMEDA  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 69959  
Air District Name: SC  
SIC Code: 2656  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 10  
Reactive Organic Gases Tons/Yr: 6  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 3  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 6  
Part. Matter 10 Micrometers and Smlr Tons/Yr:5

Name: COMMON MARKET CONTAINER SERVIC  
Address: 22700 S ALAMEDA  
City,State,Zip: LONG BEACH, CA 90810  
Year: 1993  
County Code: 19  
Air Basin: SC  
Facility ID: 69959

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALAMEDA ST SAN LDFL (Continued)**

**S106829069**

Air District Name: SC  
 SIC Code: 2656  
 Air District Name: SOUTH COAST AQMD  
 Community Health Air Pollution Info System: Not reported  
 Consolidated Emission Reporting Rule: Not reported  
 Total Organic Hydrocarbon Gases Tons/Yr: 0  
 Reactive Organic Gases Tons/Yr: 0  
 Carbon Monoxide Emissions Tons/Yr: 2  
 NOX - Oxides of Nitrogen Tons/Yr: 1  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr: 6  
 Part. Matter 10 Micrometers and Smllr Tons/Yr:5

Name: COMMON MARKET CONTAINER SERVIC  
 Address: 22700 S ALAMEDA  
 City,State,Zip: LONG BEACH, CA 90810  
 Year: 1995  
 County Code: 19  
 Air Basin: SC  
 Facility ID: 69959  
 Air District Name: SC  
 SIC Code: 2656  
 Air District Name: SOUTH COAST AQMD  
 Community Health Air Pollution Info System: Not reported  
 Consolidated Emission Reporting Rule: Not reported  
 Total Organic Hydrocarbon Gases Tons/Yr: 0  
 Reactive Organic Gases Tons/Yr: 0  
 Carbon Monoxide Emissions Tons/Yr: 2  
 NOX - Oxides of Nitrogen Tons/Yr: 1  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr: 6  
 Part. Matter 10 Micrometers and Smllr Tons/Yr:5

**S124**  
**East**  
**1/4-1/2**  
**0.325 mi.**  
**1716 ft.**

**MATLACK INC**  
**22422 ALAMEDA BLVD S**  
**CARSON, CA 90810**  
**Site 3 of 3 in cluster S**

**CA LUST S104406546**  
**CA CERS N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

LUST:  
 Name: MATLACK INC  
 Address: 22422 ALAMEDA BLVD S  
 City,State,Zip: CARSON, CA 90810  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Case Type: LUST Cleanup Site  
 Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603702673](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702673)  
 Global Id: T0603702673  
 Latitude: 33.822669  
 Longitude: -118.228485  
 Status: Completed - Case Closed  
 Status Date: 06/26/1996  
 Case Worker: YR  
 RB Case Number: I-00124  
 Local Agency: LOS ANGELES COUNTY  
 File Location: Not reported  
 Local Case Number: Not reported  
 Potential Media Affect: Soil  
 Potential Contaminants of Concern: Diesel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATLACK INC (Continued)**

**S104406546**

Site History: Not reported

LUST:  
Global Id: T0603702673  
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: T0603702673  
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: T0603702673  
Action Type: Other  
Date: 02/07/1991  
Action: Leak Discovery

Global Id: T0603702673  
Action Type: Other  
Date: 02/07/1991  
Action: Leak Stopped

Global Id: T0603702673  
Action Type: Other  
Date: 08/01/1991  
Action: Leak Reported

LUST:  
Global Id: T0603702673  
Status: Open - Case Begin Date  
Status Date: 01/29/1991

Global Id: T0603702673  
Status: Open - Remediation  
Status Date: 01/29/1991

Global Id: T0603702673  
Status: Open - Site Assessment  
Status Date: 08/01/1991

Global Id: T0603702673  
Status: Open - Verification Monitoring  
Status Date: 12/22/1994

Global Id: T0603702673  
Status: Completed - Case Closed  
Status Date: 06/26/1996

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATLACK INC (Continued)**

**S104406546**

LUST REG 4:  
Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-00124  
Status: Case Closed  
Substance: Diesel  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: Excavate and Dispose  
Global ID: T0603702673  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: 223RD ST  
Enforcement Type: Not reported  
Date Leak Discovered: 2/7/1991  
Date Leak First Reported: 8/1/1991  
Date Leak Record Entered: 8/24/1991  
Date Confirmation Began: Not reported  
Date Leak Stopped: 2/7/1991  
Date Case Last Changed on Database: 2/5/2001  
Date the Case was Closed: 6/26/1996  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: MC KEE, JOHN J  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 1995.7245293188522295456930427  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 8/1/1991  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: 1/29/1991  
Post Remedial Action Monitoring Began: 12/22/1994  
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: MATLACK INC.  
RP Address: ONE ROLLINS PLAZA, P.O. BOX 8789, WILMINGTON, DE 19899  
Program: LUST  
Lat/Long: 33.8228953 / -1  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATLACK INC (Continued)**

**S104406546**

Assigned Name: Not reported  
Summary: Not reported

**CERS:**

Name: MATLACK INC  
Address: 22422 ALAMEDA BLVD S  
City,State,Zip: CARSON, CA 90810  
Site ID: 221178  
CERS ID: T0603702673  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507  
  
Affiliation Type Desc: Regional Board Caseworker  
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH ST., SUITE 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

125  
East  
1/4-1/2  
0.328 mi.  
1731 ft.

**MATLACK, INC.**  
**22422 S. ALAMEDA**  
**LONG BEACH, CA 90810**

**CA ENVIROSTOR S103953325**  
**CA SWEEPS UST N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**ENVIROSTOR:**  
Name: MATLACK, INC.  
Address: 22422 S. ALAMEDA  
City,State,Zip: LONG BEACH, CA 90810  
Facility ID: 71002109  
Status: Refer: Other Agency  
Status Date: Not reported  
Site Code: Not reported  
Site Type: Tiered Permit  
Site Type Detailed: Tiered Permit  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Not reported  
Division Branch: Cleanup Chatsworth  
Assembly: 64  
Senate: 35

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATLACK, INC. (Continued)**

**S103953325**

Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.82265  
Longitude: -118.2284  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD000625459  
Alias Type: EPA Identification Number  
Alias Name: 71002109  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1 Non-Submittal  
Completed Date: 07/21/2000  
Comments: Not reported

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

SWEEPS UST:

Name: MATLACK INC  
Address: 22422 S ALAMEDA  
City: LONG BEACH  
Status: Active  
Comp Number: 67287  
Number: 9  
Board Of Equalization: 44-013678  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 4  
SWRCB Tank Id: 19-060-067287-000004  
Tank Status: A  
Capacity: 500  
Active Date: 07-01-85  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

Name: MATLACK INC  
Address: 22422 S ALAMEDA  
City: LONG BEACH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATLACK, INC. (Continued)**

**S103953325**

Status: Active  
Comp Number: 67287  
Number: 9  
Board Of Equalization: 44-013678  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 5  
SWRCB Tank Id: 19-060-067287-000005  
Tank Status: A  
Capacity: 5000  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: MATLACK INC  
Address: 22422 S ALAMEDA  
City: LONG BEACH  
Status: Active  
Comp Number: 67287  
Number: 9  
Board Of Equalization: 44-013678  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 6  
SWRCB Tank Id: 19-060-067287-000006  
Tank Status: A  
Capacity: 5000  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Name: MATLACK INC  
Address: 22422 S ALAMEDA  
City: LONG BEACH  
Status: Active  
Comp Number: 67287  
Number: 9  
Board Of Equalization: 44-013678  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 1  
SWRCB Tank Id: 19-060-067287-000001  
Tank Status: A  
Capacity: 6900  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 6

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATLACK, INC. (Continued)**

**S103953325**

Name: MATLACK INC  
Address: 22422 S ALAMEDA  
City: LONG BEACH  
Status: Active  
Comp Number: 67287  
Number: 9  
Board Of Equalization: 44-013678  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 2  
SWRCB Tank Id: 19-060-067287-000002  
Tank Status: A  
Capacity: 6900  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Name: MATLACK INC  
Address: 22422 S ALAMEDA  
City: LONG BEACH  
Status: Active  
Comp Number: 67287  
Number: 9  
Board Of Equalization: 44-013678  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 3  
SWRCB Tank Id: 19-060-067287-000003  
Tank Status: A  
Capacity: 8000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

W126  
ENE  
1/4-1/2  
0.329 mi.  
1738 ft.

**ACTA PARCEL PCH-1552**  
**E. ALAMEDA ST**  
**WILMINGTON, CA**  
**Site 1 of 3 in cluster W**

CA CPS-SLIC S106916814  
CA CERS N/A

Relative:  
Higher  
Actual:  
27 ft.

CPS-SLIC:  
Name: ACTA PARCEL PCH-1552  
Address: E. ALAMEDA ST  
City,State,Zip: WILMINGTON, CA  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 03/24/2005  
Global Id: SL0603741121  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.825278  
Longitude: -118.228297

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ACTA PARCEL PCH-1552 (Continued)**

**S106916814**

Case Type: Cleanup Program Site  
 Case Worker: SH  
 Local Agency: Not reported  
 RB Case Number: 0747P3  
 File Location: Not reported  
 Potential Media Affected: Soil  
 Potential Contaminants of Concern: Copper  
 Site History: Not reported

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

**CERS:**

Name: ACTA PARCEL PCH-1552  
 Address: E. ALAMEDA ST  
 City,State,Zip: WILMINGTON, CA  
 Site ID: 215297  
 CERS ID: SL0603741121  
 CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
 Entity Name: SU HAN - LOS ANGELES RWQCB (REGION 4)  
 Entity Title: Not reported  
 Affiliation Address: 320 W. 4TH STREET, SUITE 200  
 Affiliation City: LOS ANGELES  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: 2135766735

**W127**  
**ENE**  
**1/4-1/2**  
**0.329 mi.**  
**1738 ft.**

**ACTA PARCEL PCH-1554**  
**E. ALAMEDA ST**  
**WILMINGTON, CA**  
**Site 2 of 3 in cluster W**

**CA CPS-SLIC**  
**CA CERS**

**S106916824**  
**N/A**

**Relative:**  
**Higher**

**CPS-SLIC:**

**Actual:**  
**27 ft.**

Name: ACTA PARCEL PCH-1554  
 Address: E. ALAMEDA ST  
 City,State,Zip: WILMINGTON, CA  
 Region: STATE  
**Facility Status: Completed - Case Closed**  
 Status Date: 03/24/2005  
 Global Id: SL0603771890  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Lead Agency Case Number: Not reported  
 Latitude: 33.825278  
 Longitude: -118.228297  
 Case Type: Cleanup Program Site  
 Case Worker: SH  
 Local Agency: Not reported  
 RB Case Number: 0747P5  
 File Location: Not reported  
 Potential Media Affected: Soil  
 Potential Contaminants of Concern: Lead  
 Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACTA PARCEL PCH-1554 (Continued)**

**S106916824**

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

**CERS:**

Name: ACTA PARCEL PCH-1554  
Address: E. ALAMEDA ST  
City,State,Zip: WILMINGTON, CA  
Site ID: 205953  
CERS ID: SL0603771890  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: SU HAN - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766735

**W128  
ENE  
1/4-1/2  
0.329 mi.  
1738 ft.**

**ACTA PARCEL PCH-1553  
E. ALAMEDA ST.  
WILMINGTON, CA  
Site 3 of 3 in cluster W**

**CA CPS-SLIC S106916825  
CA CERS N/A**

**Relative:  
Higher**

**Actual:  
27 ft.**

**CPS-SLIC:**  
Name: ACTA PARCEL PCH-1553  
Address: E. ALAMEDA ST.  
City,State,Zip: WILMINGTON, CA  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 03/24/2005  
Global Id: SL0603773582  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.825278  
Longitude: -118.228297  
Case Type: Cleanup Program Site  
Case Worker: SH  
Local Agency: Not reported  
RB Case Number: 0747P4  
File Location: Not reported  
Potential Media Affected: Soil  
Potential Contaminants of Concern: Lead  
Site History: Not reported

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

**CERS:**

Name: ACTA PARCEL PCH-1553  
Address: E. ALAMEDA ST.  
City,State,Zip: WILMINGTON, CA  
Site ID: 219748

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACTA PARCEL PCH-1553 (Continued)**

**S106916825**

CERS ID: SL0603773582  
CERS Description: Cleanup Program Site  
Affiliation:  
Affiliation Type Desc: Regional Board Caseworker  
Entity Name: SU HAN - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766735

129  
SSE  
1/4-1/2  
0.342 mi.  
1807 ft.

**VENTURA TRANSFER COMPANY**  
2418 EAST 223RD STREET  
LONG BEACH, CA 90810

Relative:  
Higher

Actual:  
23 ft.

RCRA-LQG 1000422366  
CA LUST CAD009774167  
CA SWEEPS UST  
CA HIST UST  
CA FID UST  
CA EMI  
CA LOS ANGELES CO. HMS  
CA NPDES  
CA WDS  
CA CERS

RCRA-LQG:

Date form received by agency: 06/15/2016  
Facility name: VENTURA TRANSFER COMPANY  
Facility address: 2418 EAST 223RD STREET  
LONG BEACH, CA 90810  
EPA ID: CAD009774167  
Mailing address: EAST 223RD STREET  
LONG BEACH, CA 90810  
Contact: JIM CHENEY  
Contact address: EAST 223RD STREET  
LONG BEACH, CA 90810  
Contact country: US  
Contact telephone: 310-549-1660  
Telephone ext.: 303  
Contact email: JCHENEY@VENTURATRANSFER.COM  
EPA Region: 09  
Land type: Private  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Owner/Operator Summary:

Owner/operator name: VENTURA TRANSFER COMPANY  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 07/28/1971  
Owner/Op end date: Not reported

Owner/operator name: VENTURA TRANSFER COMPANY  
Owner/operator address: E 223RD ST.  
LONG BEACH, CA 90810  
Owner/operator country: US  
Owner/operator telephone: 310-549-1660  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 07/28/1971  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/28/2012  
Site name: VENTURA TRANSFER COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 01/15/2010  
Site name: VENTURA TRANSFER COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 01/18/2008  
Site name: VENTURA TRANSFER COMPANY  
Classification: Large Quantity Generator



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Date form received by agency: 02/16/2006

Site name: VENTURA TRANSFER COMPANY

Classification: Large Quantity Generator

Date form received by agency: 02/23/2004

Site name: VENTURA TRANSFER COMPANY

Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Site name: VENTURA TRANSFR DBA ORR TANK LNS

Classification: Large Quantity Generator

Date form received by agency: 03/30/1994

Site name: VENTURA TRANSFER CO

Classification: Large Quantity Generator

Date form received by agency: 03/31/1992

Site name: VENTURA TRANSFER CO.

Classification: Large Quantity Generator

Date form received by agency: 04/04/1990

Site name: VENTURA TRANSFER CO/ORR TANK LINES (DBA)

Classification: Large Quantity Generator

Date form received by agency: 08/04/1980

Site name: VENTURA TRANSFR DBA ORR TANK LNS

Classification: Not a generator, verified

Hazardous Waste Summary:

- . Waste code: 122
- . Waste name: Alkaline solution without metals (pH > 12.5)
  
- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues
  
- . Waste code: 135
- . Waste name: Unspecified aqueous solution
  
- . Waste code: 272
- . Waste name: Polymeric resin waste
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
  
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
  
- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
  
- . Waste code: 791
- . Waste name: Liquids with pH < 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: U117
- . Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
  
- . Waste code: U147
- . Waste name: 2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Amount (Lbs): WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.  
11052

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

Amount (Lbs): 15613

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 11052

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 11052

Waste code: U117  
Waste name: ETHANE, 1,1'-OXYBIS-(I)  
Amount (Lbs): 8549

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 02/17/2016  
Date achieved compliance: 03/17/2016  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Area of violation: Generators - Pre-transport  
Date violation determined: 02/17/2016  
Date achieved compliance: 03/17/2016  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 02/17/2016  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Generators - General  
Date achieved compliance: 03/17/2016  
Evaluation lead agency: State

Evaluation date: 02/17/2016  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 03/17/2016  
Evaluation lead agency: State

Evaluation date: 03/03/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/03/1986  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

LUST:

Name: VENTURA TRANSFER COMPANY  
Address: 2418 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES COUNTY  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000002682](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002682)  
Global Id: T10000002682  
Latitude: 33.816906441024  
Longitude: -118.232920020819  
Status: Completed - Case Closed  
Status Date: 12/09/2010  
Case Worker: PGT  
RB Case Number: Not reported  
Local Agency: LOS ANGELES COUNTY  
File Location: Local Agency  
Local Case Number: 001514-001588  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Site History: Not reported

LUST:  
Global Id: T10000002682  
Contact Type: Local Agency Caseworker  
Contact Name: PHILLIP GHARIBIANS-TABRIZI  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S. FREMONT AVE.  
City: ALHAMBRA  
Email: pgharibians@dpw.lacounty.gov  
Phone Number: Not reported

LUST:  
Global Id: T10000002682  
Status: Completed - Case Closed  
Status Date: 12/09/2010

Global Id: T10000002682  
Status: Open - Case Begin Date  
Status Date: 12/09/2010

SWEEPS UST:  
Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 1588  
Number: 9  
Board Of Equalization: 44-007569  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-001588-000001  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: 2

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City: CARSON  
Status: Active  
Comp Number: 1588  
Number: 9  
Board Of Equalization: 44-007569  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-001588-000002  
Tank Status: A  
Capacity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

**HIST UST:**

Name: VENTURA TRANSFER COMPANY  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000005045  
Facility Type: Other  
Other Type: TRUCKING  
Contact Name: Not reported  
Telephone: 2137758551  
Owner Name: VENTURA TRANSFER COMPANY  
Owner Address: 2418 EAST 223RD STREET  
Owner City,St,Zip: LONG BEACH, CA 90810  
Total Tanks: 0003

Tank Num: 001  
Container Num: S-1  
Year Installed: 1971  
Tank Capacity: 00004300  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: 6  
Leak Detection: Visual

Tank Num: 002  
Container Num: DRAIN OIL1  
Year Installed: 1971  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: DIESEL1  
Year Installed: 1971  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

**CA FID UST:**

Facility ID: 19000139  
Regulated By: UTKA  
Regulated ID: 00005045  
Cortese Code: Not reported  
SIC Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Facility Phone: 8180000000  
Mail To: Not reported  
Mailing Address: 2418 E 223RD ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CARSON  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**EMI:**

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: CARSON, CA  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 64315  
Air District Name: SC  
SIC Code: 4212  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

**LOS ANGELES CO. HMS:**

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: CARSON, CA 908101617  
Region: LA  
Permit Category: T  
Facility Id: 001514-001588  
Facility Type: 0  
Facility Status: Permit  
Area: 22  
Permit Number: 00003046T  
Permit Status: Permit

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: CARSON, CA 908101617  
Region: LA  
Permit Category: S  
Facility Id: 001514-047931  
Facility Type: S6  
Facility Status: Closed  
Area: 22

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Permit Number: CGI005810  
Permit Status: Closed

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: CARSON, CA 908101617  
Region: LA  
Permit Category: I  
Facility Id: 001514-I01588  
Facility Type: 01  
Facility Status: Permit  
Area: 22  
Permit Number: 000003720  
Permit Status: Permit

**NPDES:**

Name: VENTURA TRANSFER COMPANY  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
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 19I005810  
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: 11/17/1992  
Operator Name: Ventura Transfer Company  
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: 189539  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 4 19I005810  
Program Type: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

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: 11/17/1992  
Status: Active  
Status Date: 11/17/1992  
Place Size: 10  
Place Size Unit: Acres  
Contact: Jim Cheney  
Contact Title: Not reported  
Contact Phone: 310-549-1660  
Contact Phone Ext: 303  
Contact Email: jcheney@venturatransfer.com  
Operator Name: Ventura Transfer Company  
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: Private Individual  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 310-549-1660  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Dir Discharge Uswater Ind:	Y
Receiving Water Name:	Dominguez Channel Estuary
Certifier:	Jim Cheney
Certifier Title:	LRP
Certification Date:	08-MAR-16
Primary Sic:	4213-Trucking, Except Local
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189539
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I005810
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/17/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Ventura Transfer Company
Discharge Address:	2418 E 223rd St
Discharge City:	Long Beach
Discharge State:	California
Discharge Zip:	90810
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

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

Name: VENTURA TRANSFER COMPANY  
Address: 2418 E 223RD ST  
City,State,Zip: LONG BEACH, CA 90810  
Facility Status: Active  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 189539  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19I005810  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 11/17/1992  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 2418 E 223rd St  
Discharge Name: Ventura Transfer Company  
Discharge City: Long Beach  
Discharge State: California  
Discharge Zip: 90810  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

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: 189539

Order Number: Not reported

Regulatory Measure Type: Industrial

Place ID: Not reported

WDID: 4 19I005810

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: 11/17/1992

Status: Active

Status Date: 11/17/1992

Place Size: 10

Place Size Unit: Acres

Contact: Jim Cheney

Contact Title: Not reported

Contact Phone: 310-549-1660

Contact Phone Ext: 303

Contact Email: jcheney@venturatransfer.com

Operator Name: Ventura Transfer Company

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: Private Individual

Developer: Not reported

Developer Address: Not reported

Developer City: Not reported

Developer State: California

Developer Zip: Not reported

Developer Contact: Not reported

Developer Contact Title: Not reported

Constype Linear Utility Ind: Not reported

Emergency Phone: 310-549-1660

Emergency Phone Ext: Not reported

Constype Above Ground Ind: Not reported

Constype Below Ground Ind: Not reported

Constype Cable Line Ind: Not reported

Constype Comm Line Ind: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

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:	Y
Receiving Water Name:	Dominguez Channel Estuary
Certifier:	Jim Cheney
Certifier Title:	LRP
Certification Date:	08-MAR-16
Primary Sic:	4213-Trucking, Except Local
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189539
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I005810
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/17/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Ventura Transfer Company
Discharge Address:	2418 E 223rd St
Discharge City:	Long Beach
Discharge State:	California
Discharge Zip:	90810
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

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

**WDS:**

Name:	VENTURA TRANSFER COMPANY
Address:	2418 E 223rd St
City:	CARSON
Facility ID:	4 19I005810
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	VENTURA TRANSFER COMPANY
Agency Address:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Agency City,St,Zip: 0  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Agency Type: Not reported  
SIC Code: 0  
SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**CERS:**

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 80444  
CERS ID: T10000002682  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: PHILLIP GHARIBIANS-TABRIZI - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S. FREMONT AVE.  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: JIMMIE WOO - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 WEST 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VENTURA TRANSFER COMPANY (Continued)**

**1000422366**

Affiliation Phone: 2135766600  
  
Affiliation Type Desc: Local Agency Caseworker  
Entity Name: IHEANACHO OFO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583512

Name: VENTURA TRANSFER CO  
Address: 2418 E 223RD ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 80444  
CERS ID: T0603721950  
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:  
Affiliation Type Desc: Local Agency Caseworker  
Entity Name: PHILLIP GHARIBIANS-TABRIZI - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S. FREMONT AVE.  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: JIMMIE WOO - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 WEST 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766600

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: IHEANACHO OFO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583512



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

130  
NNW  
1/4-1/2  
0.359 mi.  
1894 ft.

**ALPERT & ALPERT IRON & METAL**  
**21930 S. WILMINGTON AVE.**  
**CARSON, CA 90810**

**CA ENVIROSTOR** U001566213  
**CA HIST UST** N/A

**Relative:**  
**Higher**  
**Actual:**  
**26 ft.**

ENVIROSTOR:  
Name: ALPERT & ALPERT IRON & METAL  
Address: 21930 S. WILMINGTON AVE.  
City,State,Zip: CARSON, CA 90810  
Facility ID: 19990052  
Status: Refer: 1248 Local Agency  
Status Date: 01/15/2004  
Site Code: Not reported  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: 0  
NPL: NO  
Regulatory Agencies: LOS ANGELES COUNTY  
Lead Agency: LOS ANGELES COUNTY  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not Applicable  
Latitude: 33.82889  
Longitude: -118.2401  
APN: 7316025062, 7316025097  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 7316025062  
Alias Type: APN  
Alias Name: 7316025097  
Alias Type: APN  
Alias Name: 19990052  
Alias Type: Envirostor ID Number

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

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALPERT & ALPERT IRON & METAL (Continued)**

**U001566213**

HIST UST:

Name: ALPERT AND ALPERT INC  
Address: 21930 WILMINGTON AVENUE  
City,State,Zip: LONG BEACH, CA 90810  
File Number: 000262BC  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000262BC.pdf>  
Region: STATE  
Facility ID: 00000041106  
Facility Type: Other  
Other Type: SCRAP IRON & METAL  
Contact Name: JOSEPH HERNANDEZ, JR.  
Telephone: 2138342659  
Owner Name: ALPERT & ALPERT INC.  
Owner Address: 21930 WILMINGTON AVENUE  
Owner City,St,Zip: LONG BEACH, CA 90810  
Total Tanks: 0002

Tank Num: 001  
Container Num: 1  
Year Installed: 1974  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 1/4  
Leak Detection: None

Tank Num: 002  
Container Num: 2  
Year Installed: 1974  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: #3  
Leak Detection: None

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

X131  
NW  
1/4-1/2  
0.363 mi.  
1918 ft.

**ARCO #5093**  
**21943 WILMINGTON**  
**CARSON, CA 90810**  
**Site 1 of 3 in cluster X**

**CA HIST CORTESE S103950820**  
**N/A**

**Relative:**  
**Higher**

HIST CORTESE:  
edr\_fname: ARCO #5093  
edr\_fadd1: 21943 WILMINGTON  
City,State,Zip: CARSON, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-10154

**Actual:**  
**24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**X132**      **ARCO #5093**  
**NW**        **21943 WILMINGTON AVE**  
**1/4-1/2**    **CARSON, CA 90810**  
**0.363 mi.**  
**1918 ft.**    **Site 2 of 3 in cluster X**

**CA LUST**    **S105665888**  
**CA CHMIRS**    **N/A**  
**CA Cortese**  
**CA CERS**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

**LUST:**  
Name: ARCO #5093  
Address: 21943 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90810  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603703585](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703585)  
Global Id: T0603703585  
Latitude: 33.8285303  
Longitude: -118.2409064  
Status: Open - Remediation  
Status Date: 05/04/2012  
Case Worker: JW  
RB Case Number: I-10154  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board  
Local Case Number: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

**LUST:**  
Global Id: T0603703585  
Contact Type: Regional Board Caseworker  
Contact Name: JIMMIE WOO  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: [jwoo@waterboards.ca.gov](mailto:jwoo@waterboards.ca.gov)  
Phone Number: 2135766600

Global Id: T0603703585  
Contact Type: Local Agency Caseworker  
Contact Name: JOHN AWUJO  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S FREMONT AVE  
City: ALHAMBRA  
Email: [jawujo@dpw.lacounty.gov](mailto:jawujo@dpw.lacounty.gov)  
Phone Number: 6264583507

**LUST:**  
Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Date: 01/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2010  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2014  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 07/02/2002  
Action: Staff Letter

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 09/18/2002  
Action: 13267 Requirement

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2002  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2002  
Action: Soil and Water Investigation Workplan

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 12/15/2002  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 12/15/2002  
Action: Interim Remedial Action Plan

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/15/2002  
Action: Interim Remedial Action Plan

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Global Id:	T0603703585
Action Type:	RESPONSE
Date:	10/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	10/15/2002
Action:	Soil and Water Investigation Report
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	04/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Soil and Water Investigation Report
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	01/15/2015
Action:	Conceptual Site Model
Global Id:	T0603703585
Action Type:	Other
Date:	04/24/1990
Action:	Leak Discovery
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Interim Remedial Action Report
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	12/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Soil and Water Investigation Report
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603703585
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Date: 04/15/2010  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2016  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/07/2015  
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/15/2015  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 03/16/2004  
Action: Staff Letter

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 03/14/2011  
Action: Staff Letter

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Soil and Water Investigation Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/26/2011  
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Interim Remedial Action Plan

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/15/2009  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2015  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: Other  
Date: 04/24/1990  
Action: Leak Stopped

Global Id: T0603703585  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Date: 01/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2019  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2018  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2018  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2017  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 03/13/2017  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2017  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2017  
Action: Monitoring Report - Semi-Annually



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Global Id:	T0603703585
Action Type:	ENFORCEMENT
Date:	07/20/2007
Action:	Staff Letter
Global Id:	T0603703585
Action Type:	ENFORCEMENT
Date:	07/29/2010
Action:	Waste Discharge Requirements
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Soil and Water Investigation Report
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	10/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	10/15/2007
Action:	Soil and Water Investigation Report
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Soil and Water Investigation Report
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Soil and Water Investigation Report
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	10/15/2005
Action:	Soil and Water Investigation Report
Global Id:	T0603703585
Action Type:	RESPONSE
Date:	09/14/2012
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0603703585
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Date: 01/15/2012  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2016  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2013  
Action: CAP/RAP - Final Remediation / Design Plan - Regulator Responded

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 09/06/2016  
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0603703585  
Action Type: REMEDIATION  
Date: 01/31/2003  
Action: Soil Vapor Extraction (SVE)

Global Id: T0603703585  
Action Type: REMEDIATION  
Date: 01/03/2003  
Action: Soil Vapor Extraction (SVE)

Global Id: T0603703585  
Action Type: REMEDIATION  
Date: 03/01/1996  
Action: Soil Vapor Extraction (SVE)

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 01/11/2002  
Action: 13267 Requirement

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 12/12/2016  
Action: Staff Letter

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 01/05/2016  
Action: Waste Discharge Requirements

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Global Id: T0603703585  
Action Type: Other  
Date: 05/16/1990  
Action: Leak Reported

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2013  
Action: Well Installation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2013  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 03/13/2003  
Action: Staff Letter

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 05/04/2012  
Action: Staff Letter

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 09/24/2015  
Action: Staff Letter

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Date: 10/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2013  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 08/04/2008  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 10/16/2008  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Soil and Water Investigation Report

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2013  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2014  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: ENFORCEMENT  
Date: 09/20/2012  
Action: Staff Letter

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Conceptual Site Model

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703585  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Soil and Water Investigation Report

**LUST:**

Global Id: T0603703585  
Status: Open - Case Begin Date  
Status Date: 04/24/1990

Global Id: T0603703585  
Status: Open - Site Assessment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Status Date: 04/24/1990

Global Id: T0603703585  
Status: Open - Verification Monitoring  
Status Date: 05/16/1990

Global Id: T0603703585  
Status: Open - Site Assessment  
Status Date: 02/24/1992

Global Id: T0603703585  
Status: Open - Remediation  
Status Date: 01/11/2002

Global Id: T0603703585  
Status: Open - Site Assessment  
Status Date: 01/11/2002

Global Id: T0603703585  
Status: Open - Site Assessment  
Status Date: 07/15/2002

Global Id: T0603703585  
Status: Open - Remediation  
Status Date: 05/04/2012

**CHMIRS:**

Name: Not reported  
Address: 21943 SOUTH WILMINGTON AVE  
City,State,Zip: CARSON, CA  
OES Incident Number: 0-3952  
OES notification: 09/02/2000  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Co. HazMat
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	LA Co FD
Incident Date:	9/2/200012:00:00 AM
Admin Agency:	L. A. County Fire Prevention
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	gasolene
Gallons:	200
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Pump at gas station broke. Small amount went down drain, the rest is diked. No water flowing in storm drain.

**CORTESE:**

Name:	ARCO #5093
Address:	21943 WILMINGTON AVE
City,State,Zip:	CARSON, CA 90810
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603703585
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - REMEDIATION
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S105665888**

Enf Type: Not reported  
Swat R: Not reported  
Flag: active  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported  
File Name: Active Open

**CERS:**

Name: ARCO #5093  
Address: 21943 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90810  
Site ID: 209614  
CERS ID: T0603703585  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: JIMMIE WOO - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 WEST 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766600

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

**X133  
NW  
1/4-1/2  
0.363 mi.  
1918 ft.**

**ARCO #5093  
21943 WILMINGTON AVE  
CARSON, CA 90810**

**CA LUST S101295830  
N/A**

**Site 3 of 3 in cluster X**

**Relative:  
Higher  
Actual:  
24 ft.**

LUST REG 4:  
Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-10154  
Status: Pollution Characterization  
Substance: Waste Oil  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #5093 (Continued)**

**S101295830**

Abatement Method Used at the Site: Remove Free Product  
Global ID: T0603703585  
W Global ID: Not reported  
Staff: JW  
Local Agency: 19000  
Cross Street: 220TH ST  
Enforcement Type: DLSEL  
Date Leak Discovered: 4/24/1990  
Date Leak First Reported: 5/16/1990  
Date Leak Record Entered: 5/24/1990  
Date Confirmation Began: 4/24/1990  
Date Leak Stopped: 4/24/1990  
Date Case Last Changed on Database: 8/20/2002  
Date the Case was Closed: Not reported  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: ESTEPHAN, GEORGE  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 2187.1328664841929984452864378  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: 2/24/1992  
Preliminary Site Assessment Began: 2/24/1992  
Pollution Characterization Began: 7/15/2002  
Remediation Plan Submitted: 1/11/2002  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: 5/16/1990  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: 4/15/2004  
Hist Max MTBE Conc in Groundwater: 4400  
Hist Max MTBE Conc in Soil: .011  
Significant Interim Remedial Action Taken: Yes  
GW Qualifier: =  
Soil Qualifier: =  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: RAY VOSE  
RP Address: 5882 BOLSA AVE., 2ND FL  
Program: LUST  
Lat/Long: 33.8285303 / -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: GW ~ 30'. GW PLUME WELL DEFINED.; GW CONC. HIGH. REQUIRE CONTINUING  
GW MON & SOIL CLEANUP.; 10/15/00 3RD QTR GW MON RPT 2000

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>Y134</b> West 1/4-1/2 0.403 mi. 2127 ft.	<b>LEONARD PROPERTY</b> 22351 WILMINGTON CARSON, CA 90745  Site 1 of 3 in cluster Y  Relative: SLIC REG 4: Lower Region: 4 Actual: Facility Status: Inactive 22 ft. SLIC: 0548 Substance: VOCs Staff: Not reported	CA CPS-SLIC	S102230454 N/A
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<b>Y135</b> West 1/4-1/2 0.403 mi. 2127 ft.	<b>TEXACO FORMER</b> 22351 WILMINGTON AVE CARSON, CA 90745  Site 2 of 3 in cluster Y  Relative: LUST REG 4: Lower Region: 4 Actual: Regional Board: 04 22 ft. County: Los Angeles Facility Id: I-00627 Status: Remediation Plan Substance: Gasoline Substance Quantity: Not reported Local Case No: Not reported Case Type: Groundwater Abatement Method Used at the Site: Remove Free Product Global ID: T0603702725 W Global ID: Not reported Staff: MB Local Agency: 19000 Cross Street: MID BLOCK Enforcement Type: LET Date Leak Discovered: 9/12/1995 Date Leak First Reported: 9/13/1995 Date Leak Record Entered: 11/27/1995 Date Confirmation Began: Not reported Date Leak Stopped: 9/12/1995 Date Case Last Changed on Database: 7/22/2002 Date the Case was Closed: Not reported How Leak Discovered: OM How Leak Stopped: Not reported Cause of Leak: Corrosion Leak Source: Piping Operator: G&M OIL CO Water System: Not reported Well Name: Not reported Approx. Dist To Production Well (ft): 2853.2412951973968033660881445 Source of Cleanup Funding: Piping Preliminary Site Assessment Workplan Submitted: Not reported Preliminary Site Assessment Began: Not reported Pollution Characterization Began: 2/1/1992 Remediation Plan Submitted: 3/13/2001 Remedial Action Underway: Not reported Post Remedial Action Monitoring Began: Not reported Enforcement Action Date: 3/14/2001 Historical Max MTBE Date: 7/23/2002	CA LUST CA ENF CA HIST CORTESE CA CERS	S100946325 N/A
---	---	---	-------------------

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO FORMER (Continued)**

**S100946325**

Hist Max MTBE Conc in Groundwater: 8700  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Yes  
GW Qualifier: =  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: Y. M. TUAN  
RP Address: 145 SOUTH COLLEGE BLVD.  
Program: LUST  
Lat/Long: 33.8237114 / -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: FP PLUME DEFINED. WILL DO GW SAMPLING & DEV. RAP. COOPERATIVE CLEANUP EFFORT WITH ARCO CARSON REFINERY FOR FP PLUMES. MTBE NOT DETECTED IN SOIL & GW WITH EPA METHOD 8260A; 10/18/00 3RD QTR GW MON RPT 2000; 1/10/01 4TH QTR

**ENF:**

Name: TEXACO FORMER  
Address: 22351 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90745  
Region: 4  
Facility Id: 263274  
Agency Name: Texaco Refining & Marketing Richmond  
Place Type: Facility  
Place Subtype: Not reported  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.822334  
Place Longitude: -118.244044  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: Not reported  
Complexity: Not reported  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO FORMER (Continued)**

**S100946325**

Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	I-00627
Reg Measure Id:	168657
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	229894
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	02/14/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	2/27/2000
Termination Date:	02/14/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - I-00627
Description:	Notice of Violation sent 2/14/00 for FTS RAP.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TEXACO FORMER (Continued)

S100946325

HIST CORTESE:  
edr\_fname: TEXACO FORMER  
edr\_fadd1: 22351 WILMINGTON  
City,State,Zip: CARSON, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-00627

CERS:  
Name: TEXACO FORMER  
Address: 22351 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90745  
Site ID: 210109  
CERS ID: T0603702725  
CERS Description: Cleanup Program Site

Affiliation:  
Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: Mohammad M. Zaidi - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 West 4th Street, Suite 200  
Affiliation City: Los Angeles  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766732

Y136  
West  
1/4-1/2  
0.403 mi.  
2127 ft.

GANDM OIL 19  
22351 WILMINGTON  
CARSON, CA 90744  
Site 3 of 3 in cluster Y

CA CPS-SLIC S101617956  
CA SWEEPS UST N/A  
CA HIST UST  
CA FID UST  
CA LOS ANGELES CO. HMS

Relative:  
Lower  
Actual:  
22 ft.

CPS-SLIC:  
Name: TEXACO FORMER  
Address: 22351 WILMINGTON AVE  
City,State,Zip: CARSON, CA 90745  
Region: STATE  
Facility Status: Open - Eligible for Closure  
Status Date: 07/15/2015  
Global Id: T0603702725  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.8237114  
Longitude: -118.2430464

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GANDM OIL 19 (Continued)**

**S101617956**

Case Type: Cleanup Program Site  
Case Worker: MZ  
Local Agency: LOS ANGELES COUNTY  
RB Case Number: 0548  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

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

**SWEEPS UST:**

Name: G&M OIL CO  
Address: 22351 S WILMINGTON AVE  
City: CARSON  
Status: Active  
Comp Number: 627  
Number: 9  
Board Of Equalization: 44-007465  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-000627-000001  
Tank Status: A  
Capacity: 10000  
Active Date: 01-08-93  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 5

Name: G&M OIL CO  
Address: 22351 S WILMINGTON AVE  
City: CARSON  
Status: Active  
Comp Number: 627  
Number: 9  
Board Of Equalization: 44-007465  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-000627-000002  
Tank Status: A  
Capacity: 10000  
Active Date: 01-08-93  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Name: G&M OIL CO  
Address: 22351 S WILMINGTON AVE  
City: CARSON  
Status: Active  
Comp Number: 627

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GANDM OIL 19 (Continued)**

**S101617956**

Number: 9  
Board Of Equalization: 44-007465  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-000627-000003  
Tank Status: A  
Capacity: 10000  
Active Date: 01-08-93  
Tank Use: M.V. FUEL  
STG: P  
Content: PRM UNLEADED  
Number Of Tanks: Not reported

Name: G&M OIL CO  
Address: 22351 S WILMINGTON AVE  
City: CARSON  
Status: Active  
Comp Number: 627  
Number: 9  
Board Of Equalization: 44-007465  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-000627-000004  
Tank Status: A  
Capacity: 10000  
Active Date: 01-08-93  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Name: G&M OIL CO  
Address: 22351 S WILMINGTON AVE  
City: CARSON  
Status: Active  
Comp Number: 627  
Number: 9  
Board Of Equalization: 44-007465  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-000627-000005  
Tank Status: A  
Capacity: 350  
Active Date: 01-08-93  
Tank Use: OIL  
STG: P  
Content: Not reported  
Number Of Tanks: Not reported

HIST UST:

Name: GANDM OIL 19

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GANDM OIL 19 (Continued)**

**S101617956**

Address: 22351 WILMINGTON  
City,State,Zip: CARSON, CA 90744  
File Number: 00026B1D  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026B1D.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported

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

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

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

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

**CA FID UST:**

Facility ID: 19003762  
Regulated By: UTNKA  
Regulated ID: 00006554  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 8180000000  
Mail To: Not reported  
Mailing Address: 15402 ELECTRONICES LN  
Mailing Address 2: Not reported  
Mailing City,St,Zip: CARSON  
Contact: Not reported  
Contact Phone: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GANDM OIL 19 (Continued)**

**S101617956**

DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**LOS ANGELES CO. HMS:**

Name: FASHION CHANNEL NETWORK  
Address: 22351 WILMINGTON AVE  
City,State,Zip: CARSON, CA 907454309  
Region: LA  
Permit Category: Not reported  
Facility Id: 000623-013800  
Facility Type: Not reported  
Facility Status: Removed  
Area: 22  
Permit Number: Not reported  
Permit Status: Not reported

Name: G&M OIL CO  
Address: 22351 WILMINGTON AVE  
City,State,Zip: CARSON, CA 907454309  
Region: LA  
Permit Category: I  
Facility Id: 000623-I00627  
Facility Type: 01  
Facility Status: Closed  
Area: 22  
Permit Number: 000008281  
Permit Status: Closed

137  
SSE  
1/4-1/2  
0.459 mi.  
2423 ft.

**ACTA SOUTH - PARCEL SE-352/353**  
**S. ALAMEDA ST.**  
**CARSON, CA 90810**

**CA CPS-SLIC S106487316**  
**CA CERS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**17 ft.**

**CPS-SLIC:**  
Name: ACTA SOUTH - PARCEL SE-352/353  
Address: S. ALAMEDA ST.  
City,State,Zip: CARSON, CA 90810  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 04/19/2003  
Global Id: SL0603723245  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.815408  
Longitude: -118.231928  
Case Type: Cleanup Program Site  
Case Worker: SH  
Local Agency: Not reported  
RB Case Number: 0747G8  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACTA SOUTH - PARCEL SE-352/353 (Continued)**

**S106487316**

Click here to access the California GeoTracker records for this facility:

**CERS:**

Name: ACTA SOUTH - PARCEL SE-352/353  
Address: S. ALAMEDA ST.  
City,State,Zip: CARSON, CA 90810  
Site ID: 252309  
CERS ID: SL0603723245  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: SU HAN - LOS ANGELES RWQCB (REGION 4)  
Entity Title: Not reported  
Affiliation Address: 320 W. 4TH STREET, SUITE 200  
Affiliation City: LOS ANGELES  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 2135766735

138  
NE  
1/4-1/2  
0.473 mi.  
2495 ft.

**PACIFIC 9 TRANSPORTATION INC.  
21900 S. ALAMEDA  
LOS ANGELES, CA 90810**

**CA LUST S108210739  
N/A**

**Relative:  
Higher  
Actual:  
32 ft.**

**LUST:**

Name: PACIFIC 9 TRANSPORTATION INC.  
Address: 21900 S. ALAMEDA  
City,State,Zip: LOS ANGELES, CA 90810  
Lead Agency: LOS ANGELES, CITY OF  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000001114](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000001114)  
Global Id: T10000001114  
Latitude: 0  
Longitude: 0  
Status: Completed - Case Closed  
Status Date: 05/13/2009  
Case Worker: EL  
RB Case Number: Not reported  
Local Agency: LOS ANGELES, CITY OF  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel, Gasoline  
Site History: Not reported

**LUST:**

Global Id: T10000001114  
Contact Type: Local Agency Caseworker  
Contact Name: ELOY LUNA  
Organization Name: LOS ANGELES, CITY OF  
Address: 200 North Main Street, Suite 1780  
City: LOS ANGELES  
Email: eloy.luna@lacity.org

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC 9 TRANSPORTATION INC. (Continued)**

**S108210739**

Phone Number: Not reported

LUST:

Global Id: T10000001114  
Status: Open - Case Begin Date  
Status Date: 05/12/2009

Global Id: T10000001114  
Status: Open - Site Assessment  
Status Date: 05/12/2009

Global Id: T10000001114  
Status: Completed - Case Closed  
Status Date: 05/13/2009

**Z139**  
**WNW**  
**1/4-1/2**  
**0.477 mi.**  
**2519 ft.**

**WESTRUX INTERNATIONAL**  
**1505 E 223RD ST**  
**CARSON, CA 90745**

**Site 1 of 2 in cluster Z**

**RCRA-SQG 1000258583**  
**CA CPS-SLIC CAD981688880**  
**FINDS**  
**ECHO**  
**CA LOS ANGELES CO. HMS**  
**CA CERS**

**Relative:**  
**Higher**

**Actual:**  
**23 ft.**

RCRA-SQG:

Date form received by agency: 03/24/1997  
Facility name: WESTRUX INTERNATIONAL  
Facility address: 1505 E 223RD ST  
CARSON, CA 90745  
EPA ID: CAD981688880  
Contact: LAMAR SAVOY  
Contact address: 1505 E 223RD ST  
CARSON, CA 90745  
Contact country: US  
Contact telephone: 714-634-1990  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: WESTRUX INTERNATIONAL  
Owner/operator address: 1505 E 223RD  
CARSON, CA 90745  
Owner/operator country: Not reported  
Owner/operator telephone: 714-634-1990  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTRUX INTERNATIONAL (Continued)**

**1000258583**

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

Handler Activities Summary:

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

Violation Status: No violations found

CPS-SLIC:

Name: WESTRUX INTERNATIONAL TRUCKS  
Address: 1505 EAST 223RD ST  
City,State,Zip: CARSON, CA  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 05/16/2001  
Global Id: SL2042Y1547  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.824326  
Longitude: -118.243919  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 0776  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

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

SLIC REG 4:

Region: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTRUX INTERNATIONAL (Continued)**

**1000258583**

Facility Status: No further action required  
SLIC: 0496B2  
Substance: TPH, VOCs  
Staff: SSH

Region: 4  
Facility Status: No further action required  
SLIC: 0776  
Substance: VOCs  
Staff: Manjulika Chakarbarti

**FINDS:**

Registry ID: 110002753477

**Environmental Interest/Information System**

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

**STATE MASTER**

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

**ECHO:**

Envid: 1000258583  
Registry ID: 110002753477  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002753477>

**LOS ANGELES CO. HMS:**

Name: WESTRUX INTERNATIONAL  
Address: 1505 E 223RD ST  
City,State,Zip: CARSON, CA 907454317  
Region: LA  
Permit Category: T  
Facility Id: 005358-005558  
Facility Type: 0  
Facility Status: Removed  
Area: 22  
Permit Number: 00003073T  
Permit Status: Removed

Name: WESTRUX INTERNATIONAL  
Address: 1505 E 223RD ST  
City,State,Zip: CARSON, CA 907454317  
Region: LA  
Permit Category: I  
Facility Id: 005358-I05558  
Facility Type: 01  
Facility Status: Closed  
Area: 22

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTRUX INTERNATIONAL (Continued)**

**1000258583**

Permit Number: 000001015  
Permit Status: Closed

Name: WESTRUX INTERNATIONAL  
Address: 1505 E 223RD ST  
City,State,Zip: CARSON, CA 907454317  
Region: LA  
Permit Category: I  
Facility Id: 005358-105558  
Facility Type: 01  
Facility Status: Closed  
Area: 22  
Permit Number: 000220538  
Permit Status: Removed

**CERS:**

Name: WESTRUX INTERNATIONAL TRUCKS  
Address: 1505 EAST 223RD ST  
City,State,Zip: CARSON, CA  
Site ID: 224861  
CERS ID: SL2042Y1547  
CERS Description: Cleanup Program Site

**Z140**  
**WNW**  
**1/4-1/2**  
**0.477 mi.**  
**2519 ft.**

**WESTROX INT**  
**1505 E 223RD ST**  
**CARSON, CA 90745**  
**Site 2 of 2 in cluster Z**

**CA CPS-SLIC**  
**CA SWEEPS UST**  
**CA LOS ANGELES CO. HMS**  
**CA CIWQS**  
**CA CERS**

**S103995710**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**23 ft.**

**CPS-SLIC:**  
Name: CITY OF CARSON - ZIMMERMAN PROPERTY  
Address: 1505 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 02/07/2003  
Global Id: SLT43294292  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.824326  
Longitude: -118.243919  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 0496B2  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**SWEEPS UST:**

Name: WESTROX INT  
Address: 1505 E 223RD ST  
City: CARSON  
Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTROX INT (Continued)**

**S103995710**

Comp Number: 5558  
Number: 1  
Board Of Equalization: 44-007946  
Referral Date: 01-13-90  
Action Date: 01-13-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-005558-000001  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: 1

**LOS ANGELES CO. HMS:**

Name: SUPERIOR NISSAN  
Address: 1505 E 223RD ST  
City,State,Zip: CARSON, CA 907454317  
Region: LA  
Permit Category: I  
Facility Id: 005358-040127  
Facility Type: S4  
Facility Status: Closed  
Area: 22  
Permit Number: 000400165  
Permit Status: Closed

Name: SUPERIOR NISSAN  
Address: 1505 E 223RD ST  
City,State,Zip: CARSON, CA 907454317  
Region: LA  
Permit Category: I  
Facility Id: 005358-040127  
Facility Type: 01  
Facility Status: Closed  
Area: 22  
Permit Number: 000403064  
Permit Status: Closed

Name: HILLAND OF CARSON  
Address: 1505 E 223RD ST  
City,State,Zip: CARSON, CA 907454317  
Region: LA  
Permit Category: I  
Facility Id: 005358-053025  
Facility Type: 01  
Facility Status: Permit  
Area: 22  
Permit Number: 000633578  
Permit Status: Permit

Name: HILLAND OF CARSON  
Address: 1505 E 223RD ST  
City,State,Zip: CARSON, CA 907454317  
Region: LA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTROX INT (Continued)**

**S103995710**

Permit Category: I  
Facility Id: 005358-053025  
Facility Type: S4  
Facility Status: Permit  
Area: 22  
Permit Number: 000633579  
Permit Status: Permit

**CIWQS:**

Name: SUPERIOR NISSAN  
Address: 1505 E 223RD ST  
City,State,Zip: CARSON, CA 90745  
Agency: Superior Property Carson LLC  
Agency Address: 29901 Santa Margarita Pkwy, Rancho Santa Margarita, CA 92688  
Place/Project Type: Construction - Commercial  
SIC/NAICS: Not reported  
Region: 4  
Program: CONSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water construction  
Order Number: 99-08DW  
WDID: 4 19C322394  
NPDES Number: CAS000002  
Adoption Date: Not reported  
Effective Date: 07/09/2003  
Termination Date: 09/17/2004  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.824281  
Longitude: -118.247479

**CERS:**

Name: CITY OF CARSON - ZIMMERMAN PROPERTY  
Address: 1505 E. 223RD ST  
City,State,Zip: CARSON, CA 90745  
Site ID: 202038  
CERS ID: SLT43294292  
CERS Description: Cleanup Program Site

141  
SSE  
1/2-1  
0.539 mi.  
2845 ft.

**TEXACO**  
**232000 S. ALAMEDA**  
**CARSON, CA**

**CA Notify 65 S100178415**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**23 ft.**

**NOTIFY 65:**  
Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Issue Date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TEXACO (Continued)

S100178415

Incident Description: Not reported

142  
NNE  
1/2-1  
0.555 mi.  
2933 ft.  
  
Relative:  
Higher  
  
Actual:  
28 ft.

COMMONWELATH ALUMINUM CARSON ROLLING MIL  
2211 E. CARSON ST.  
LONG BEACH, CA 90810

RCRA-SQG 1000298661  
CA ENVIROSTOR CAT080012933  
CA SWF/LF  
CA LUST  
CA DEED  
CA HIST CORTESE  
CA LOS ANGELES CO. HMS  
CA CERS

RCRA-SQG:

Date form received by agency: 01/16/2006  
Facility name: COMMONWELATH ALUMINUM CARSON ROLLING MIL  
Facility address: 2211 E. CARSON ST.  
LONG BEACH, CA 90810  
  
EPA ID: CAT080012933  
Contact: LUDA ADENSKAYA  
Contact address: Not reported  
Not reported  
  
Contact country: US  
Contact telephone: 310-847-8834  
Contact email: LUDA.ADENSKAYA@ALERIS.COM  
EPA Region: 09  
Land type: Private  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: ALERIS ROLLED PRODUCTS  
Owner/operator address: 1700 EASTPOINT PARKWAY SUT 200  
LOUISVILLE, KY 40223  
  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/09/2004  
Owner/Op end date: Not reported  
  
Owner/operator name: BILL NEWTON  
Owner/operator address: Not reported  
Not reported  
  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/16/2006  
Site name: COMMONWELATH ALUMINUM CARSON ROLLING MIL  
Classification: Large Quantity Generator

Date form received by agency: 02/22/2002  
Site name: COMMONWEALTH ALUMINUM CARSON ROLLING MIL  
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999  
Site name: BARMET ALUMINUM A WHOLY OWNED SUBSIDIARY  
Classification: Large Quantity Generator

Date form received by agency: 03/05/1997  
Site name: COMMONWEALTH ALUMINUM CORP  
Classification: Small Quantity Generator

Date form received by agency: 09/01/1996  
Site name: COMMONWEALTH ALUMINUM CORP  
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 122  
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 134  
. Waste name: Aqueous solution with <10% total organic residues

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

. Waste code: 181  
. Waste name: Other inorganic solid waste

. Waste code: 212  
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

- . Waste code: 221
- . Waste name: Waste oil and mixed oil
  
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
  
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
  
- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 791
- . Waste name: Liquids with pH < 2
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

- Regulation violated: Not reported
- Area of violation: Generators - General
- Date violation determined: 05/12/2005
- Date achieved compliance: Not reported
- Violation lead agency: State
- Enforcement action: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

**Evaluation Action Summary:**

Evaluation date: 05/12/2005  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

**ENVIROSTOR:**

Name: COMMONWEALTH ALUMINUM CORP.  
Address: 2211 E. CARSON STREET  
City,State,Zip: LONG BEACH, CA 90810  
Facility ID: 71004111  
Status: Certified O&M - Land Use Restrictions Only  
Status Date: 07/16/2014  
Site Code: 550350  
Site Type: Tiered Permit  
Site Type Detailed: Tiered Permit  
Acres: 10.3  
NPL: NO  
Regulatory Agencies: TPCAB  
Lead Agency: TPCAB  
Program Manager: Johnson Abraham  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 70  
Senate: 33  
Special Program: Not reported  
Restricted Use: YES  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.83250  
Longitude: -118.1653  
APN: NONE SPECIFIED  
Past Use: MANUFACTURING - METAL, RECYCLING - SCRAP METAL  
Potential COC: TPH-MOTOR OIL  
Confirmed COC: TPH-MOTOR OIL  
Potential Description: OTH, SOIL  
Alias Name: BARMET ALUMINUM CORP  
Alias Type: Alternate Name  
Alias Name: Prologis  
Alias Type: Alternate Name  
Alias Name: CAT080012933  
Alias Type: EPA Identification Number  
Alias Name: 110000476397  
Alias Type: EPA (FRS #)  
Alias Name: SLT4L7721868  
Alias Type: GeoTracker Global ID  
Alias Name: T0603702771  
Alias Type: GeoTracker Global ID

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

Alias Name: T10000000125  
Alias Type: GeoTracker Global ID  
Alias Name: 550350  
Alias Type: Project Code (Site Code)  
Alias Name: 71004111  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Land Use Restriction Monitoring Report  
Completed Date: 06/28/2011  
Comments: Land Use Restriction Monitoring Report reviewed and approve by DTSC's project manager Jermaine Nora.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 04/17/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1 Non-Submittal  
Completed Date: 05/01/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Agreement  
Completed Date: 08/28/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Selection and Statement of Basis  
Completed Date: 12/24/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 06/14/2010  
Comments: Project Manager: Nora

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* CEQA  
Completed Date: 11/21/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 09/04/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/11/2017  
Comments: Annual cost estimate sent to RP.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 02/11/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 11/30/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 09/23/2013  
Comments: DTSC completed the LUC site visit.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 08/28/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction - Site Inspection/Visit  
Completed Date: 08/06/2018  
Comments: DTSC completed site visit.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Acknowledgement of Satisfaction  
Completed Date: 07/15/2014  
Comments: DTSC signed the Acknowledgment of Satisfaction.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/07/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/14/2015  
Comments: Annual cost estimate emailed and mailed to BP.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/13/2018

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

Comments: FY 1819 Estimate: \$5,527

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 12/24/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Completion Report  
Completed Date: 06/17/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Plan  
Completed Date: 09/24/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 07/18/2011  
Comments: Project Manager: Nora

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 07/09/2010  
Comments: Project Manager: Nora

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Health & Safety Plan  
Completed Date: 10/21/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 09/04/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/15/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 09/23/2013  
Comments: DTSC completed Annual LUC Site Visit.

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/23/2013  
Comments: DTSC approved the groundwater monitoring termination approval.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 07/16/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Decommissioning Report  
Completed Date: 02/13/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 06/17/2015  
Comments: DTSC approved the LUC Inspection Report.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 08/29/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 07/18/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction Monitoring Report  
Completed Date: 08/28/2018  
Comments: DTSC approved the Report.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Risk Assessment Workplan  
Completed Date: 09/21/2007  
Comments: Not reported

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



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

SWF/LF (SWIS):

Name: COMMONWEALTH ALUMINUM  
Address: 2211 E. CARSON ST  
City,State,Zip: LONG BEACH, CA  
Facility ID: 19-AQ-5064  
Lat/Long: 33.8318 / -118.2332  
Owner Name: Not reported  
Owner Telephone: Not reported  
Owner Address: Not reported  
Owner Address2: Not reported  
Owner City,St,Zip: Not reported  
Operational Status: Not reported  
Operator: Not reported  
Operator Phone: Not reported  
Operator Address: Not reported  
Operator Address2: Not reported  
Operator City,St,Zip: Not reported  
Permit Date: Not reported  
Permit Status: Not reported  
Permitted Acreage: Not reported  
Activity: Not reported  
Regulation Status: Not reported  
Landuse Name: Urban  
GIS Source: Map  
Category: Not reported  
Unit Number: Not reported  
Inspection Frequency: Not reported  
Accepted Waste: Not reported  
Closure Date: Not reported  
Closure Type: Not reported  
Disposal Acreage: Not reported  
SWIS Num: 19-AQ-5064  
Waste Discharge Requirement Num: Not reported  
Program Type: Not reported  
Permitted Throughput with Units: Not reported  
Actual Throughput with Units: Not reported  
Permitted Capacity with Units: Not reported  
Remaining Capacity: Not reported  
Remaining Capacity with Units: Not reported  
Lat/Long: 33.8318 / -118.2332

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-01298  
Status: Remedial action (cleanup) Underway  
Substance: Hydrocarbons  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: FPVEED  
Global ID: T0603702771  
W Global ID: Not reported  
Staff: SLC  
Local Agency: 19000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

Cross Street: WILMINGTON AVE  
Enforcement Type: Not reported  
Date Leak Discovered: 4/23/1990  
Date Leak First Reported: 7/12/1990  
Date Leak Record Entered: 11/28/1990  
Date Confirmation Began: Not reported  
Date Leak Stopped: 5/12/1993  
Date Case Last Changed on Database: 8/16/2000  
Date the Case was Closed: Not reported  
How Leak Discovered: Subsurface Monitoring  
How Leak Stopped: Not reported  
Cause of Leak: Structure Failure  
Leak Source: Other Source  
Operator: FAJARDO, PAUL  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 1494.207415814815240113717326  
Source of Cleanup Funding: Other Source  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 7/9/1990  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: 6/19/1998  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Yes  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: BARMET ALUMINUM CORP  
RP Address: P.O. BOX 22769  
Program: SLIC  
Lat/Long: 33.8318361 / -1  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: LOP/HIGH - KNOWN HEALTH/SAFETY/ENVIRONMENTAL IMPACT  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: SOLVENT CASE - TRANSFERRED TO SLIC #772 ; 09/22/98 QRTLTY FP RECOVERY RPT (2ND QTR 98); 12/31/98 QRTLTY FP RECOVERY RPT (3RD QTR 98); 02/23/99 QRTLTY FP RECOVERY RPT (4TH QTR 98); 7/1/99 1ST QTR GW 1999; 10/14/99 3RD QTR GW MO

**DEED:**

Name: COMMONWEALTH ALUMINUM CORP.  
Address: 2211 E. CARSON STREET  
City,State,Zip: LONG BEACH, CA 90810  
Envirostor ID: 71004111  
Area: PROJECT WIDE  
Sub Area: Not reported  
Site Type: TIERED PERMIT  
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMONWELATH ALUMINUM CARSON ROLLING MIL (Continued)**

**1000298661**

Agency: Not reported  
Covenant Uploaded: Not reported  
Deed Date(s): 04/17/2009  
File Name: Envirostor Land Use Restrictions

**HIST CORTESE:**

edr\_fname: COMMONWEALTH ALUMINUM COR  
edr\_fadd1: 2211 CARSON  
City,State,Zip: CARSON, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-01298

**LOS ANGELES CO. HMS:**

Name: COMMONWEALTH ALUMINUM INC  
Address: 2211 E CARSON ST  
City,State,Zip: CARSON, CA 908101227  
Region: LA  
Permit Category: I  
Facility Id: 001238-024595  
Facility Type: 09  
Facility Status: Closed  
Area: 22  
Permit Number: 000351722  
Permit Status: Closed

**CERS:**

Name: COMMONWEALTH ALUMINUM CORP.  
Address: 2211 CARSON ST E  
City,State,Zip: CARSON, CA 90810  
Site ID: 220756  
CERS ID: T0603702771  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
Entity Title: Not reported  
Affiliation Address: 900 S FREMONT AVE  
Affiliation City: ALHAMBRA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 6264583507

Name: COMMONWEALTH ALUMINUM  
Address: 2211 E. CARSON ST  
City,State,Zip: LONG BEACH, CA  
Site ID: 507957  
CERS ID: 19-AQ-5064  
CERS Description: Solid Waste and Recycle Sites

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AA143  
SSE  
1/2-1  
0.566 mi.  
2987 ft.

**TESORO REFINING & MARKETING COMPANY-SULFUR RECOVER**  
**23208 S ALAMEDA ST**  
**CARSON, CA 90810**

CA ENVIROSTOR  
CA CHMIRS

S100222939  
N/A

Site 1 of 3 in cluster AA

Relative:  
Higher  
Actual:  
23 ft.

ENVIROSTOR:  
Name: TESORO REFINING & MARKETING COMPANY-SULFUR RECOVERY PLANT  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 908101919  
Facility ID: 80001817  
Status: Inactive - Action Required  
Status Date: 05/31/2012  
Site Code: Not reported  
Site Type: Corrective Action  
Site Type Detailed: Corrective Action  
Acres: 0  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: WM  
Program Manager: Katherine Gould  
Supervisor: Ju-Tseng Liu  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.81398  
Longitude: -118.2311  
APN: 7315020001  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 7315020001  
Alias Type: APN  
Alias Name: CAT000646331  
Alias Type: EPA Identification Number  
Alias Name: 110000746667  
Alias Type: EPA (FRS #)  
Alias Name: 80001817  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire  
Completed Date: 03/25/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 04/15/1991  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TESORO REFINING & MARKETING COMPANY-SULFUR RECOVERY PLANT (Continued)

S100222939

Completed Document Type: Other Report  
Completed Date: 02/04/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 08/30/1991  
Comments: Not reported

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

CHMIRS:

Name: Not reported  
Address: 23208 S ALAMEDA  
City,State,Zip: CARSON, CA 90810-1919  
OES Incident Number: 991845  
OES notification: Not reported  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: 04-SEP-88**  
Property Use: 600  
Agency Id Number: 19110  
Agency Incident Number: 0  
Time Notified: 1324  
Time Completed: 1430  
Surrounding Area: Not reported  
Estimated Temperature: 105  
Property Management: Not reported  
More Than Two Substances Involved?: N  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: HARRISON  
Report Date: 04-SEP-88  
Facility Telephone: 213 267-2485  
Waterway Involved: Not reported  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TESORO REFINING & MARKETING COMPANY-SULFUR RECOVERY PLANT (Continued)**

**S100222939**

Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	04-SEP-88
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	Not reported
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	N
Description:	Not reported

**AA144**  
**SSE**  
**1/2-1**  
**0.566 mi.**  
**2987 ft.**  
  
**Relative:**  
**Higher**  
  
**Actual:**  
**23 ft.**

**SULFUR RECOVERY PLANT**  
**23208 S ALAMEDA ST**  
**CARSON, CA 90810**  
  
**Site 2 of 3 in cluster AA**

**CA AST**  
**CA CERS HAZ WASTE**  
**CA HIST UST**  
**CA CERS TANKS**  
**CA CHMIRS**  
**CA EMI**  
**CA HAZNET**  
**CA HWP**  
**CA CERS**

**U001566261**  
**N/A**

**AST:**

Name:	TESORO REFINING AND MARKETING CO
Address:	23208 S ALAMEDA ST
City/Zip:	CARSON,90810
Certified Unified Program Agencies:	Not reported
Owner:	TESORO REFINING & MARKETING COMPANY LLC
Total Gallons:	Not reported
CERSID:	10263403
Facility ID:	LACoFA0002133
Business Name:	TESORO REFINING AND MARKETING CO
Phone:	310 847-5209
Fax:	Not reported
Mailing Address:	2101 E PACIFIC COAST HWY
Mailing Address City:	WILMINGTON
Mailing Address State:	CA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Mailing Address Zip Code: 90744  
Operator Name: DAVID L. FOSTER  
Operator Phone: 310 847-5209  
Owner Phone: 310 522 6000  
Owner Mail Address: 2101 EAST PACIFIC COAST HWY  
Owner State: CA  
Owner Zip Code: 90744  
Owner Country: United States  
Property Owner Name: Tesoro Refining & Marketing Company LLC  
Property Owner Phone: 310 522 6000  
Property Owner Mailing Address: 2101 East Pacific Coast Hwy  
Property Owner City: Wilmington  
Property Owner Stat : CA  
Property Owner Zip Code: 90744  
Property Owner Country: United States  
EPAID: CAT000646331

**CERS HAZ WASTE:**

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 403656  
CERS ID: 10263403  
CERS Description: Hazardous Chemical Management

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 403656  
CERS ID: 10263403  
CERS Description: Hazardous Waste Generator

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 403656  
CERS ID: 10263403  
CERS Description: RCRA LQ HW Generator

**HIST UST:**

Name: SULFUR RECOVERY PLANT  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000066990  
Facility Type: Other  
Other Type: SULFUR RECOVERY  
Contact Name: D. E. REYNOLDS  
Telephone: 2138358261  
Owner Name: TEXACO REFINING & MARKETING IN  
Owner Address: 1111 RUSK AVENUE  
Owner City,St,Zip: HOUSTON, TX 77002  
Total Tanks: 0001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Tank Num: 001  
Container Num: T-909  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: 2  
Container Construction Thickness: X  
Leak Detection: Stock Inventor

**CERS TANKS:**

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 403656  
CERS ID: 10263403  
CERS Description: Aboveground Petroleum Storage

**CHMIRS:**

Name: Not reported  
Address: 23208 S. ALAMEDA ST  
City,State,Zip: CARSON, CA  
OES Incident Number: 16-5200  
OES notification: 08/26/2016  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: n/a  
Spill Site: Refinery  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Type: Not reported  
Measure: Not reported  
Other: Not reported  
Type: VAPOR  
Measure: Unknown  
Other: Not reported  
Date/Time: 1300  
Year: 2016  
Agency: Tesoro  
Incident Date: 08/26/2016  
Admin Agency: LACoFD Health Haz-Mat  
Amount: Not reported  
Contained: No  
Site Type: n/a  
E Date: Not reported  
Substance: SO2, H2S and Steam  
Quantity Released: unknown  
Unknown: Not reported  
Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
#1 Pipeline: No  
#2 Pipeline: No  
#3 Pipeline: No  
#1 Vessel >= 300 Tons: No  
#2 Vessel >= 300 Tons: No  
#3 Vessel >= 300 Tons: No  
Evacs: No  
Injuries: No  
Fatales: No  
Comments: Not reported  
Description: RP states: Sulfur tank at sulfur recovery plant compromised resulting in the release of an unknown amount of SO2, H2S and Steam to the air. Release is not contained and is still releasing. There is visible steam coming from the facility. Tesoro is worki

**EMI:**

Name: TEXACO REFINING & MARKETING IN  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 800222  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 14  
Reactive Organic Gases Tons/Yr: 8  
Carbon Monoxide Emissions Tons/Yr: 134  
NOX - Oxides of Nitrogen Tons/Yr: 156

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

SOX - Oxides of Sulphur Tons/Yr: 26  
Particulate Matter Tons/Yr: 13  
Part. Matter 10 Micrometers and Smlr Tons/Yr:13

Name: TEXACO REFINING & MARKETING IN  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 800222  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 15  
Reactive Organic Gases Tons/Yr: 10  
Carbon Monoxide Emissions Tons/Yr: 127  
NOX - Oxides of Nitrogen Tons/Yr: 109  
SOX - Oxides of Sulphur Tons/Yr: 156  
Particulate Matter Tons/Yr: 12  
Part. Matter 10 Micrometers and Smlr Tons/Yr:12

Name: TEXACO REFINING & MARKETING IN  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 800222  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 25  
Reactive Organic Gases Tons/Yr: 8  
Carbon Monoxide Emissions Tons/Yr: 134  
NOX - Oxides of Nitrogen Tons/Yr: 85  
SOX - Oxides of Sulphur Tons/Yr: 9  
Particulate Matter Tons/Yr: 5  
Part. Matter 10 Micrometers and Smlr Tons/Yr:5

Name: TEXACO REFINING & MARKETING IN  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 1996  
County Code: 19  
Air Basin: SC  
Facility ID: 800222  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 26

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Reactive Organic Gases Tons/Yr: 12  
Carbon Monoxide Emissions Tons/Yr: 136  
NOX - Oxides of Nitrogen Tons/Yr: 32  
SOX - Oxides of Sulphur Tons/Yr: 70  
Particulate Matter Tons/Yr: 9  
Part. Matter 10 Micrometers and Smllr Tons/Yr:8

Name: TEXACO REFINING & MARKETING IN  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 1997  
County Code: 19  
Air Basin: SC  
Facility ID: 800222  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 14  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 150  
NOX - Oxides of Nitrogen Tons/Yr: 29  
SOX - Oxides of Sulphur Tons/Yr: 27  
Particulate Matter Tons/Yr: 5  
Part. Matter 10 Micrometers and Smllr Tons/Yr:4

Name: TEXACO REFINING & MARKETING IN  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 1998  
County Code: 19  
Air Basin: SC  
Facility ID: 800222  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 14  
Reactive Organic Gases Tons/Yr: 6  
Carbon Monoxide Emissions Tons/Yr: 150  
NOX - Oxides of Nitrogen Tons/Yr: 29  
SOX - Oxides of Sulphur Tons/Yr: 27  
Particulate Matter Tons/Yr: 5  
Part. Matter 10 Micrometers and Smllr Tons/Yr:4

Name: TEXACO REFINING & MARKETING IN  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2000  
County Code: 19  
Air Basin: SC  
Facility ID: 800222  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 14  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 150  
NOX - Oxides of Nitrogen Tons/Yr: 29  
SOX - Oxides of Sulphur Tons/Yr: 27  
Particulate Matter Tons/Yr: 5  
Part. Matter 10 Micrometers and Smllr Tons/Yr:4

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2006  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 101.5371111819828097  
Reactive Organic Gases Tons/Yr: 30.117  
Carbon Monoxide Emissions Tons/Yr: 130.371  
NOX - Oxides of Nitrogen Tons/Yr: 90.279  
SOX - Oxides of Sulphur Tons/Yr: 56.86  
Particulate Matter Tons/Yr: 33.81  
Part. Matter 10 Micrometers and Smllr Tons/Yr:31.7962

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2007  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 101.3625385979579172  
Reactive Organic Gases Tons/Yr: 30.117  
Carbon Monoxide Emissions Tons/Yr: 130.371  
NOX - Oxides of Nitrogen Tons/Yr: 90.279  
SOX - Oxides of Sulphur Tons/Yr: 56.86  
Particulate Matter Tons/Yr: 33.81  
Part. Matter 10 Micrometers and Smllr Tons/Yr:31.80061

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2008  
County Code: 19  
Air Basin: SC  
Facility ID: 151798

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 110.6766760980480583  
Reactive Organic Gases Tons/Yr: 30.3035324727  
Carbon Monoxide Emissions Tons/Yr: 155.36  
NOX - Oxides of Nitrogen Tons/Yr: 76.46  
SOX - Oxides of Sulphur Tons/Yr: 22.39  
Particulate Matter Tons/Yr: 36  
Part. Matter 10 Micrometers and Smlr Tons/Yr:33.9046

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2009  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 107.87706053478399  
Reactive Organic Gases Tons/Yr: 29.793150472699999  
Carbon Monoxide Emissions Tons/Yr: 149.06  
NOX - Oxides of Nitrogen Tons/Yr: 65.260000000000005  
SOX - Oxides of Sulphur Tons/Yr: 14.16  
Particulate Matter Tons/Yr: 35.200000000000003  
Part. Matter 10 Micrometers and Smlr Tons/Yr:33.089599999999997

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2010  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 39.395247697043899  
Reactive Organic Gases Tons/Yr: 30.692790160703598  
Carbon Monoxide Emissions Tons/Yr: 162.11044000000001  
NOX - Oxides of Nitrogen Tons/Yr: 60.485320000000002  
SOX - Oxides of Sulphur Tons/Yr: 10.16896  
Particulate Matter Tons/Yr: 36.652459999999998  
Part. Matter 10 Micrometers and Smlr Tons/Yr:32.823329000000001

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 38.902916464  
Reactive Organic Gases Tons/Yr: 30.45007492  
Carbon Monoxide Emissions Tons/Yr: 152.62146  
NOX - Oxides of Nitrogen Tons/Yr: 49.79992  
SOX - Oxides of Sulphur Tons/Yr: 3.50159  
Particulate Matter Tons/Yr: 34.26475  
Part. Matter 10 Micrometers and Smlr Tons/Yr:30.582423

Name: TESORO REFINING AND MARKETING CO, LLC  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2012  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 155.85463638  
Reactive Organic Gases Tons/Yr: 28.793952483  
Carbon Monoxide Emissions Tons/Yr: 148.98806  
NOX - Oxides of Nitrogen Tons/Yr: 44.45245  
SOX - Oxides of Sulphur Tons/Yr: 9.31386  
Particulate Matter Tons/Yr: 32.81598  
Part. Matter 10 Micrometers and Smlr Tons/Yr:31.830351

Name: TESORO REFINING AND MARKETING CO, LLC  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2013  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 156.10957063  
Reactive Organic Gases Tons/Yr: 28.739699593  
Carbon Monoxide Emissions Tons/Yr: 144.7298  
NOX - Oxides of Nitrogen Tons/Yr: 51.5297  
SOX - Oxides of Sulphur Tons/Yr: 6.93559  
Particulate Matter Tons/Yr: 32.40033  
Part. Matter 10 Micrometers and Smlr Tons/Yr:31.421628

Name: TESORO REFINING AND MARKETING CO, LLC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2014  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2911  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 36.306367741  
Reactive Organic Gases Tons/Yr: 29.95176949  
Carbon Monoxide Emissions Tons/Yr: 147.51059  
NOX - Oxides of Nitrogen Tons/Yr: 35.68702  
SOX - Oxides of Sulphur Tons/Yr: 3.88646  
Particulate Matter Tons/Yr: 33.56866  
Part. Matter 10 Micrometers and Smllr Tons/Yr:31.48817196

Name: TESORO REFINING AND MARKETING CO  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2015  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2819  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 42.720301994  
Reactive Organic Gases Tons/Yr: 36.993096026  
Carbon Monoxide Emissions Tons/Yr: 144.46983223  
NOX - Oxides of Nitrogen Tons/Yr: 38.2268925  
SOX - Oxides of Sulphur Tons/Yr: 8.462473785  
Particulate Matter Tons/Yr: 30.355429483  
Part. Matter 10 Micrometers and Smllr Tons/Yr:28.39421944

Name: TESORO REFINING AND MARKETING CO, LLC  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2016  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2911  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 49.351987178  
Reactive Organic Gases Tons/Yr: 38.28468181  
Carbon Monoxide Emissions Tons/Yr: 158.54  
NOX - Oxides of Nitrogen Tons/Yr: 43.19  
SOX - Oxides of Sulphur Tons/Yr: 6.538747  
Particulate Matter Tons/Yr: 32.940424

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Part. Matter 10 Micrometers and Smlr Tons/Yr:30.877653198

Name: TESORO REFINING AND MARKETING CO, LLC  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Year: 2017  
County Code: 19  
Air Basin: SC  
Facility ID: 151798  
Air District Name: SC  
SIC Code: 2911  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 37.888532755  
Reactive Organic Gases Tons/Yr: 29.25374914  
Carbon Monoxide Emissions Tons/Yr: 166.27785  
NOX - Oxides of Nitrogen Tons/Yr: 53.890203  
SOX - Oxides of Sulphur Tons/Yr: 6.9707246  
Particulate Matter Tons/Yr: 32.9203407  
Part. Matter 10 Micrometers and Smlr Tons/Yr:30.898151197

**HAZNET:**

Name: TESORO SOCIAL PIPELINE CO, LLC  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 908101919  
Year: 2016  
GEPaid: CAC002858863  
Contact: STEPHEN D. COMLEY  
Telephone: 5627282265  
Mailing Name: Not reported  
Mailing Address: 5905 N PARAMOUNT BLVD  
Mailing City,St,Zip: LONG BEACH, CA 908053709  
Gen County: Los Angeles  
TSD EPA ID: AZD081705402  
TSD County: 99  
Tons: 0.475  
CA Waste Code: 352-Other organic solids  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Los Angeles

**HWP:**

Name: TESORO REFINING & MARKETING COMPANY-SULFUR RECOVERY PLANT  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 908101919  
EPA Id: CAT000646331  
Cleanup Status: CLOSED  
Latitude: 33.81398  
Longitude: -118.2311  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: N/A  
Assembly District: 64



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Senate District: 35  
Public Information Officer: Not reported  
Public Information Officer: Not reported

Activities:  
EPA Id: CAT000646331  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - APPLICATION PART A RECEIVED  
Actual Date: 11/01/1980

EPA Id: CAT000646331  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED  
Actual Date: 08/03/1984

EPA Id: CAT000646331  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - CALL-IN LETTER ISSUED  
Actual Date: 11/06/1985

EPA Id: CAT000646331  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED  
Actual Date: 02/23/1989

Closure:  
EPA Id: CAT000646331  
Facility Type: Historical - Non-Operating  
Unit Names: TANKSTR1  
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION  
Actual Date: 12/05/1989

EPA Id: CAT000646331  
Facility Type: Historical - Non-Operating  
Unit Names: TANKSTR1  
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION  
Actual Date: 03/06/1990

Alias:  
EPA Id: CAT000646331  
Facility Type: Historical - Non-Operating  
Alias Type: FRS  
Alias: 110000746667

EPA Id: CAT000646331  
Facility Type: Historical - Non-Operating  
Alias Type: Project Code (Site Code)  
Alias: N/A

CERS:  
Name: TESORO REFINING AND MARKETING CO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 90810  
Site ID: 403656  
CERS ID: 10263403  
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 403656  
Site Name: TESORO REFINING AND MARKETING CO  
Violation Date: 09-26-2017  
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 10/10/2017. OBSERVATION: Owner/Operator failed to adequately label hazardous materials. Observed more than twenty empty drums (55 gallons each) stored at the "haz-pad" area without an "EMPTY" label and date the drum was emptied. CORRECTIVE ACTION: Hazardous materials that are mislabeled or not adequately labeled must be properly labeled within 10 days or be managed as a hazardous waste. 22 CCR11 66261.2(f)  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 403656  
Site Name: TESORO REFINING AND MARKETING CO  
Violation Date: 09-26-2017  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.  
Violation Notes: Returned to compliance on 10/10/2017. OBSERVATION: Uniform Hazardous Waste Manifests for the waste sludge, used oil, waste aerosols, waste absorbent, and other HW solids were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for waste sludge, used oil, waste aerosols, waste absorbent, and other HW solids and submit copies to the CUPA.  
Violation Division: Los Angeles County Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 403656  
Site Name: TESORO REFINING AND MARKETING CO  
Violation Date: 09-26-2017  
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to implement the SPCC Plan.  
Violation Notes: Returned to compliance on 09/27/2017. OBSERVATION: Failure to implement SPCC. Observed no SPCC plan on site for review. CORRECTIVE ACTION: Implement SPCC.  
Violation Division: Los Angeles County Fire Department  
Violation Program: APSA  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-30-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-30-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Inspected by R. Doom  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-27-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-27-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-26-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Steven D. Tate, Environmental Specialist. Richard Koza, Shift Supervisor.  
Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-26-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Steven D. Tate, Environmental Specialist. Richard Koza, Shift Supervisor.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-17-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Jocelyn Ching  
Eval Division: Los Angeles County Fire Department  
Eval Program: CalARP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-17-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Jocelyn Ching  
Eval Division: Los Angeles County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 12-07-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed emailed documented and photographic proof of compliance. NOV abated.  
Eval Division: Los Angeles County Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 12-07-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewed emailed documented proof of compliance. NOV abated.  
Eval Division: Los Angeles County Fire Department  
Eval Program: APSA  
Eval Source: CERS

Coordinates:  
Site ID: 403656  
Facility Name: TESORO REFINING AND MARKETING CO  
Env Int Type Code: APSA  
Program ID: 10263403  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.813990  
Longitude: -118.231170

Affiliation:  
Affiliation Type Desc: CUPA District  
Entity Name: Los Angeles County Fire  
Entity Title: Not reported  
Affiliation Address: 5825 Rickenbacker Road  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90040-3027

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2350 E. 223rd St., - Attn: Gemma Cortes-Fernandez  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: DENIS KURT  
Entity Title: SENIOR MANAGER, EH&S  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Tesoro Refining & Marketing Company LLC  
Entity Title: Not reported  
Affiliation Address: 2350 E. 223rd St. -- Attn: Gemma Cortes-Fernandez  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 522-6000

Affiliation Type Desc: Property Owner  
Entity Name: TESORO REFINING & MARKETING COMPANY LLC  
Entity Title: Not reported  
Affiliation Address: C/O 2350 E. 223rd St.,  
Affiliation City: Carson  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90810  
Affiliation Phone: (310) 522-6000

Affiliation Type Desc: Document Preparer  
Entity Name: Gemma Cortes-Fernandez  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: TESORO - SULFUR RECOVERY PLANT (SRP)  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (310) 522-6000

Affiliation Type Desc: Parent Corporation  
Entity Name: TESORO REFINING AND MARKETING CO  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: TESORO REFINING & MA  
Address: 23208 S ALAMEDA ST  
City,State,Zip: CARSON, CA 908101919  
Site ID: 343823  
CERS ID: 80001817  
CERS Description: Corrective Action

Affiliation:  
Affiliation Type Desc: Supervisor  
Entity Name: JU-TSENG LIU  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Lead Project Manager  
Entity Name: JU-TSENG LIU  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: CYPRESS  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Lead Project Manager  
Entity Name: KATHERINE GOULD  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: CYPRESS  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: TESORO SULFUR RECOVERY PLANT  
Address: 23208 S ALAMEDA STEET  
City,State,Zip: CARSON, CA 90810

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULFUR RECOVERY PLANT (Continued)**

**U001566261**

Site ID: 160431  
CERS ID: 90810TXCRF23208  
CERS Description: Toxic Release Inventory

Affiliation:

Affiliation Type Desc: Public Contact  
Entity Name: James Jeter  
Entity Title: Not reported  
Affiliation Address: 2101 E PACIFIC COAST HIGHWAY  
Affiliation City: WILMINGTON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: 3105226148

Affiliation Type Desc: Company Official  
Entity Name: james jeter  
Entity Title: Manager, Environmental, Health and Safety  
Affiliation Address: 2101 E PACIFIC COAST HIGHWAY  
Affiliation City: WILMINGTON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

Affiliation Type Desc: Technical Contact  
Entity Name: LUCINA LOPEZ  
Entity Title: Not reported  
Affiliation Address: 2101 E PACIFIC COAST HIGHWAY  
Affiliation City: WILMINGTON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: 3105224933

Affiliation Type Desc: Parent Company  
Entity Name: Tesoro Corp  
Entity Title: Not reported  
Affiliation Address: 2101 E PACIFIC COAST HIGHWAY  
Affiliation City: WILMINGTON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: Not reported

AA145  
SSE  
1/2-1  
0.566 mi.  
2987 ft.

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR R**  
**23208 S. ALAMEDA STREET**  
**CARSON, CA 90810**  
**Site 3 of 3 in cluster AA**

**SEMS-ARCHIVE 1000144765**  
**CORRACTS CAT000646331**  
**RCRA-TSDF**  
**RCRA-LQG**  
**ICIS**  
**US AIRS**

Relative:  
Higher  
Actual:  
23 ft.

SEMS Archive:  
Site ID: 0900240  
EPA ID: CAT000646331  
Cong District: 31  
FIPS Code: 06037

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

FF: N  
NPL: Not on the NPL  
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region: 09  
Site ID: 0900240  
EPA ID: CAT000646331  
Site Name: TEXACO USA DIV TEXACO INC  
NPL: N  
FF: N  
OU: 00  
Action Code: SI  
Action Name: SI  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1991-04-15 04:00:00  
Qual: N  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900240  
EPA ID: CAT000646331  
Site Name: TEXACO USA DIV TEXACO INC  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1996-01-23 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 09  
Site ID: 0900240  
EPA ID: CAT000646331  
Site Name: TEXACO USA DIV TEXACO INC  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 2  
Start Date: Not reported  
Finish Date: 1991-09-06 04:00:00  
Qual: D  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900240  
EPA ID: CAT000646331  
Site Name: TEXACO USA DIV TEXACO INC  
NPL: N  
FF: N  
OU: 00  
Action Code: DS



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Action Name: DISCVRY  
SEQ: 1  
Start Date: 1990-08-24 04:00:00  
Finish Date: 1990-08-24 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900240  
EPA ID: CAT000646331  
Site Name: TEXACO USA DIV TEXACO INC  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1991-04-15 04:00:00  
Qual: N  
Current Action Lead: EPA Perf

**CORRACTS:**

EPA ID: CAT000646331  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19920325  
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority  
NAICS Code(s): 32518  
Other Basic Inorganic Chemical Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAT000646331  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19910830  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
NAICS Code(s): 32518  
Other Basic Inorganic Chemical Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

**RCRA-TSDF:**

Date form received by agency: 02/12/2016  
Facility name: TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY  
Facility address: 23208 S. ALAMEDA STREET  
CARSON, CA 90810  
EPA ID: CAT000646331  
Mailing address: E. PACIFIC COAST HIGHWAY  
WILMINGTON, CA 90744  
Contact: ROBERT J RIORDAN  
Contact address: E. PACIFIC COAST HIGHWAY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

WILMINGTON, CA 90744  
Contact country: US  
Contact telephone: 310-522-6000  
Telephone ext.: 6154  
Contact email: ROBERT.J.RIORDAN@TSOCORP.COM  
EPA Region: 09  
Land type: Private  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: TESORO REFINING & MARKETING COMPANY  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 12/03/2012  
Owner/Op end date: Not reported

Owner/operator name: TESORO REFINING AND MARKETING  
Owner/operator address: E. PACIFIC COAST HIGHWAY  
WILMINGTON, CA 90744  
Owner/operator country: US  
Owner/operator telephone: 310-522-6000  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/03/2012  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

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

Historical Generators:

Date form received by agency: 03/01/2014

Site name: TESORO REFINING & MARKETING CO LLC, SULFUR RECOVERY  
Classification: Large Quantity Generator

Date form received by agency: 12/19/2012

Site name: TESORO REFINING AND MARKETING CO LLC SULFUR RECOVERY PLANT  
Classification: Large Quantity Generator

Date form received by agency: 02/17/2012

Site name: TESORO REFINING AND MARKETING COMPANY, SULFUR RECOVERY PLANT  
Classification: Large Quantity Generator

Date form received by agency: 01/28/2010

Site name: TESORO REFINING AND MARKETING COMPANY -- SULFUR RECOVERY PLANT  
Classification: Large Quantity Generator

Date form received by agency: 06/04/2007

Site name: TESORO SULFUR RECOVERY PLANT  
Classification: Large Quantity Generator

Date form received by agency: 02/18/2004

Site name: SULFUR RECOVERY PLANT  
Classification: Large Quantity Generator

Date form received by agency: 02/18/2004

Site name: SULFUR RECOVERY PLANT  
Classification: Small Quantity Generator

Date form received by agency: 05/29/1998

Site name: EQUILON ENTERPRISES LLC  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Site name: EQUILON ENTERPRISES LLC  
Classification: Large Quantity Generator

Date form received by agency: 04/17/1990

Site name: TEXACO REFINING & MKT. INC.  
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 141

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

- . Waste name: Off-specification, aged, or surplus inorganics
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
- . Waste code: 241
- . Waste name: Tank bottom waste
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: K037
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE PRODUCTION OF DISULFOTON.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

- Waste code: D002
- Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 13

Waste code: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 13

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 13

Waste code: D011

Waste name: SILVER

Amount (Lbs): 13

**Corrective Action Summary:**

Event date: 04/15/1991  
Event: PA OR CERCLA INSPECTION

Event date: 08/30/1991  
Event: PA OR CERCLA INSPECTION

Event date: 08/30/1991  
Event: CA PRIORITIZATION-MEDIUM CA PRIORITY

Event date: 08/30/1991  
Event: LEAD AGENCY DETERMINATION

Event date: 03/25/1992  
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: 03/25/1992  
Event: CA PRIORITIZATION-LOW CA PRIORITY

**Facility Has Received Notices of Violations:**

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 01/01/2001  
Date achieved compliance: 01/01/2001  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

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

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 12/30/1988  
Date achieved compliance: 02/10/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/04/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 270  
Area of violation: TSD - General  
Date violation determined: 12/13/1988  
Date achieved compliance: 02/23/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/05/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 04/13/1988  
Date achieved compliance: 05/07/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/05/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 268.7  
Area of violation: LDR - General  
Date violation determined: 01/13/1988  
Date achieved compliance: 08/26/1988  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 01/13/1988  
Date achieved compliance: 05/07/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/24/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 01/13/1988  
Date achieved compliance: 08/26/1988  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/20/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/01/1991  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 01/01/2001  
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 04/23/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 12/30/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 02/10/1988  
Evaluation lead agency: State

Evaluation date: 12/13/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Area of violation: TSD - General  
Date achieved compliance: 02/23/1989  
Evaluation lead agency: State

Evaluation date: 12/01/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/13/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 05/07/1988  
Evaluation lead agency: State

Evaluation date: 01/13/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 08/26/1988  
Evaluation lead agency: State

Evaluation date: 01/13/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 05/07/1988  
Evaluation lead agency: State

**RCRA-LQG:**

Date form received by agency: 02/12/2016  
Facility name: TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY  
Facility address: 23208 S. ALAMEDA STREET  
CARSON, CA 90810  
EPA ID: CAT000646331  
Mailing address: E. PACIFIC COAST HIGHWAY  
WILMINGTON, CA 90744  
Contact: ROBERT J RIORDAN  
Contact address: E. PACIFIC COAST HIGHWAY  
WILMINGTON, CA 90744  
Contact country: US  
Contact telephone: 310-522-6000  
Telephone ext.: 6154  
Contact email: ROBERT.J.RIORDAN@TSOCORP.COM  
EPA Region: 09  
Land type: Private  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: TESORO REFINING & MARKETING COMPANY  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 12/03/2012  
Owner/Op end date: Not reported

Owner/operator name: TESORO REFINING AND MARKETING  
Owner/operator address: E. PACIFIC COAST HIGHWAY  
WILMINGTON, CA 90744

Owner/operator country: US  
Owner/operator telephone: 310-522-6000  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/03/2012  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/01/2014  
Site name: TESORO REFINING & MARKETING CO LLC, SULFUR RECOVERY  
Classification: Large Quantity Generator

Date form received by agency: 12/19/2012  
Site name: TESORO REFINING AND MARKETING CO LLC SULFUR RECOVERY PLANT  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Date form received by agency: 02/17/2012

Site name: TESORO REFINING AND MARKETING COMPANY, SULFUR RECOVERY PLANT

Classification: Large Quantity Generator

Date form received by agency: 01/28/2010

Site name: TESORO REFINING AND MARKETING COMPANY -- SULFUR RECOVERY PLANT

Classification: Large Quantity Generator

Date form received by agency: 06/04/2007

Site name: TESORO SULFUR RECOVERY PLANT

Classification: Large Quantity Generator

Date form received by agency: 02/18/2004

Site name: SULFUR RECOVERY PLANT

Classification: Large Quantity Generator

Date form received by agency: 02/18/2004

Site name: SULFUR RECOVERY PLANT

Classification: Small Quantity Generator

Date form received by agency: 05/29/1998

Site name: EQUILON ENTERPRISES LLC

Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Site name: EQUILON ENTERPRISES LLC

Classification: Large Quantity Generator

Date form received by agency: 04/17/1990

Site name: TEXACO REFINING & MKT. INC.

Classification: Large Quantity Generator

Hazardous Waste Summary:

- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics
  
- . Waste code: 181
- . Waste name: Other inorganic solid waste
  
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
  
- . Waste code: 241
- . Waste name: Tank bottom waste
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
  
- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
  
- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D018
- . Waste name: BENZENE
  
- . Waste code: K037
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM THE PRODUCTION OF DISULFOTON.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

- Waste code: D002
- Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- Amount (Lbs): 13
  
- Waste code: D003
- Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
- Amount (Lbs): 13
  
- Waste code: D007
- Waste name: CHROMIUM
- Amount (Lbs): 13
  
- Waste code: D011
- Waste name: SILVER
- Amount (Lbs): 13

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Corrective Action Summary:

Event date: 04/15/1991  
Event: PA OR CERCLA INSPECTION

Event date: 08/30/1991  
Event: PA OR CERCLA INSPECTION

Event date: 08/30/1991  
Event: CA PRIORITIZATION-MEDIUM CA PRIORITY

Event date: 08/30/1991  
Event: LEAD AGENCY DETERMINATION

Event date: 03/25/1992  
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: 03/25/1992  
Event: CA PRIORITIZATION-LOW CA PRIORITY

Facility Has Received Notices of Violations:

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 01/01/2001  
Date achieved compliance: 01/01/2001  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 12/30/1988  
Date achieved compliance: 02/10/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/04/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 270  
Area of violation: TSD - General  
Date violation determined: 12/13/1988  
Date achieved compliance: 02/23/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/05/1989

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 04/13/1988  
Date achieved compliance: 05/07/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/05/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 268.7  
Area of violation: LDR - General  
Date violation determined: 01/13/1988  
Date achieved compliance: 08/26/1988  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 01/13/1988  
Date achieved compliance: 05/07/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/24/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 01/13/1988  
Date achieved compliance: 08/26/1988  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/20/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/01/1991  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 01/01/2001  
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 04/23/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 12/30/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 02/10/1988  
Evaluation lead agency: State

Evaluation date: 12/13/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 02/23/1989  
Evaluation lead agency: State

Evaluation date: 12/01/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/13/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 05/07/1988  
Evaluation lead agency: State

Evaluation date: 01/13/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 08/26/1988  
Evaluation lead agency: State

Evaluation date: 01/13/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Area of violation: TSD - General  
Date achieved compliance: 05/07/1988  
Evaluation lead agency: State

ICIS:

Enforcement Action ID: CASCAA0000060370008100069  
FRS ID: 110000746667  
Action Name: TESORO REF & MKTG CO 060370008100069  
Facility Name: TESORO REF & MKTG CO  
Facility Address: 23208 S ALAMEDA  
CARSON, CA 90810  
Enforcement Action Type: Administrative Order  
Facility County: LOS ANGELES  
Program System Acronym: AIR  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCAAAO  
Facility SIC Code: 2819  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.81489  
Longitude in Decimal Degrees: -118.232  
Permit Type Desc: Not reported  
Program System Acronym: CASCA0000603700081  
Facility NAICS Code: 325188  
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370008100068  
FRS ID: 110000746667  
Action Name: TESORO REF & MKTG CO 060370008100068  
Facility Name: TESORO REF & MKTG CO  
Facility Address: 23208 S ALAMEDA  
CARSON, CA 90810  
Enforcement Action Type: Notice of Violation  
Facility County: LOS ANGELES  
Program System Acronym: AIR  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 2819  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.81489  
Longitude in Decimal Degrees: -118.232  
Permit Type Desc: Not reported  
Program System Acronym: CASCA0000603700081  
Facility NAICS Code: 325188  
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370008100057  
FRS ID: 110000746667  
Action Name: TESORO REF & MKTG CO 060370008100057  
Facility Name: TESORO REF & MKTG CO  
Facility Address: 23208 S ALAMEDA  
CARSON, CA 90810  
Enforcement Action Type: Administrative Order  
Facility County: LOS ANGELES  
Program System Acronym: AIR  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCAAAO  
Facility SIC Code: 2819  
Federal Facility ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Latitude in Decimal Degrees: 33.81489  
Longitude in Decimal Degrees: -118.232  
Permit Type Desc: Not reported  
Program System Acronym: CASCA0000603700081  
Facility NAICS Code: 325188  
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370008100054  
FRS ID: 110000746667  
Action Name: TESORO REF & MKTG CO 060370008100054  
Facility Name: TESORO REF & MKTG CO  
Facility Address: 23208 S ALAMEDA  
CARSON, CA 90810

Enforcement Action Type: Administrative Order  
Facility County: LOS ANGELES  
Program System Acronym: AIR  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCAAAO  
Facility SIC Code: 2819  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.81489  
Longitude in Decimal Degrees: -118.232  
Permit Type Desc: Not reported  
Program System Acronym: CASCA0000603700081  
Facility NAICS Code: 325188  
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370008100053  
FRS ID: 110000746667  
Action Name: TESORO REF & MKTG CO 060370008100053  
Facility Name: TESORO REF & MKTG CO  
Facility Address: 23208 S ALAMEDA  
CARSON, CA 90810

Enforcement Action Type: Notice of Violation  
Facility County: LOS ANGELES  
Program System Acronym: AIR  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 2819  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.81489  
Longitude in Decimal Degrees: -118.232  
Permit Type Desc: Not reported  
Program System Acronym: CASCA0000603700081  
Facility NAICS Code: 325188  
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370008100047  
FRS ID: 110000746667  
Action Name: TESORO REF & MKTG CO 060370008100047  
Facility Name: TESORO REF & MKTG CO  
Facility Address: 23208 S ALAMEDA  
CARSON, CA 90810

Enforcement Action Type: Notice of Violation  
Facility County: LOS ANGELES  
Program System Acronym: AIR  
Enforcement Action Forum Desc: Administrative - Informal



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

EA Type Code: NOV  
Facility SIC Code: 2819  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.81489  
Longitude in Decimal Degrees: -118.232  
Permit Type Desc: Not reported  
Program System Acronym: CASCA0000603700081  
Facility NAICS Code: 325188  
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370008100040  
FRS ID: 110000746667  
Action Name: TESORO REF & MKTG CO 060370008100040  
Facility Name: TESORO REF & MKTG CO  
Facility Address: 23208 S ALAMEDA  
CARSON, CA 90810

Enforcement Action Type: Administrative Order  
Facility County: LOS ANGELES  
Program System Acronym: AIR  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCAA00  
Facility SIC Code: 2819  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.81489  
Longitude in Decimal Degrees: -118.232  
Permit Type Desc: Not reported  
Program System Acronym: CASCA0000603700081  
Facility NAICS Code: 325188  
Tribal Land Code: Not reported

US AIRS (AFS):

Envid: 1000144765  
Region Code: 09  
County Code: CA037  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
D and B Number: Not reported  
Facility Site Name: TESORO REF & MKTG CO  
Primary SIC Code: 2819  
NAICS Code: 325188  
Default Air Classification Code: MAJ  
Facility Type of Ownership Code: POF  
Air CMS Category Code: TVM  
HPV Status: ADDRESSED HPV

US AIRS (AFS):

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: Not reported  
Activity Status Date: 1993-05-01 00:00:00  
Activity Group: Case File  
Activity Type: Case File

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: Not reported  
Activity Status Date: 1995-12-01 00:00:00  
Activity Group: Case File  
Activity Type: Case File  
Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: Not reported  
Activity Status Date: 1997-08-21 00:00:00  
Activity Group: Case File  
Activity Type: Case File  
Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: Not reported  
Activity Status Date: 2003-05-13 00:00:00  
Activity Group: Case File  
Activity Type: Case File  
Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2014-09-25 00:00:00  
Activity Status Date: 2015-01-09 16:00:31  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2014-09-25 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status Date: 2015-01-09 16:11:12  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1978-01-23 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1978-05-12 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1978-11-01 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1978-11-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1979-04-11 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1979-12-04 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1980-06-06 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1980-09-26 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1980-12-02 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1981-03-16 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1981-05-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1982-01-11 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1982-04-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1983-03-11 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1983-06-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1984-05-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1985-03-19 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1985-10-08 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1986-03-04 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1986-08-05 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1987-01-06 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1987-06-17 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1988-05-20 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1988-11-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1989-03-29 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1989-09-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1990-03-20 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1990-09-25 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1991-09-13 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1992-09-01 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1993-09-14 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1994-05-12 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1994-06-20 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1996-02-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1996-08-14 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1997-09-10 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1998-12-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-05-07 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2005-03-16 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2005-09-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2006-08-23 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2007-07-12 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2008-09-16 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2009-07-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-02-25 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-05-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-09-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2010-09-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2011-02-25 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2011-06-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2011-06-16 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2011-06-17 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2011-07-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2012-02-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2012-04-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2012-05-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2012-09-25 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2012-09-26 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2013-02-27 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2013-03-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2013-04-29 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2013-04-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1993-05-01 00:00:00  
Activity Status Date: 1993-05-01 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1995-12-01 00:00:00  
Activity Status Date: 1995-12-01 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1997-02-18 00:00:00  
Activity Status Date: 1997-02-18 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2006-04-26 00:00:00  
Activity Status Date: 2006-04-26 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Resolved

Region Code: 09



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1995-12-06 00:00:00  
Activity Status Date: 1995-12-06 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Informal  
Activity Status: Achieved

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 1996-11-01 00:00:00  
Activity Status Date: 1996-11-01 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Informal  
Activity Status: Achieved

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-02-13 00:00:00  
Activity Status Date: 2003-02-13 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Informal  
Activity Status: Achieved

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: Not reported  
Activity Status Date: 2003-05-13 00:00:00  
Activity Group: Case File  
Activity Type: Case File  
Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2014-01-20 00:00:00  
Activity Status Date: 2015-01-09 16:04:37  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status: Active  
  
Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2014-02-28 00:00:00  
Activity Status Date: 2015-01-09 16:02:29  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2014-03-03 00:00:00  
Activity Status Date: 2015-01-09 16:06:10  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2014-03-05 00:00:00  
Activity Status Date: 2015-01-09 16:08:44  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2014-07-29 00:00:00  
Activity Status Date: 2015-01-09 16:10:13  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2014-09-25 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status Date: 2015-01-09 16:00:31  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2014-09-25 00:00:00  
Activity Status Date: 2015-01-09 16:11:12  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Active

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 1997-09-10 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 1998-12-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2003-05-07 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2005-03-16 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2005-09-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2006-08-23 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2007-07-12 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2008-09-16 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2009-07-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2010-02-25 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2010-05-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2010-09-21 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2010-09-22 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status: Not reported  
  
Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2011-02-25 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2011-06-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2011-06-16 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2011-06-17 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2011-07-15 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2012-02-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2012-04-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2012-05-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2012-09-25 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2012-09-26 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2013-02-27 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2013-03-15 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2013-04-29 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2013-04-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO REFINING & MARKETING COMPANY LLC-- SULFUR RECOVERY (Continued)**

**1000144765**

Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2006-04-26 00:00:00  
Activity Status Date: 2006-04-26 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR CASCA0000603700081  
Facility Registry ID: 110000746667  
Air Operating Status Code: OPR  
Default Air Classification Code: MAJ  
Air Program: Title V Permits  
Activity Date: 2003-02-13 00:00:00  
Activity Status Date: 2003-02-13 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Informal  
Activity Status: Achieved

146  
South  
1/2-1  
0.693 mi.  
3659 ft.

**AIR PRODUCTS & CHEMICALS INC**  
**23320 SOUTH ALAMEDA STREET**  
**CARSON, CA 90810**

**CA ENVIROSTOR S105024519**  
**CA CPS-SLIC N/A**  
**CA HIST CORTESE**  
**CA CERS**

**Relative:**  
**Lower**  
**Actual:**  
**22 ft.**

**ENVIROSTOR:**  
Name: AIR PRODUCTS & CHEMICALS INC  
Address: 23320 SOUTH ALAMEDA STREET  
City,State,Zip: CARSON, CA 90810  
Facility ID: 19281007  
Status: Refer: RWQCB  
Status Date: 06/15/1995  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: \* Mmonroy  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.81222  
Longitude: -118.2330  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: \* HYDROCARBON SOLVENTS \* Laboratory Waste Chemicals \* WASTE OIL &

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR PRODUCTS & CHEMICALS INC (Continued)**

**S105024519**

MIXED OIL  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: ARCO REFINERY  
Alias Type: Alternate Name  
Alias Name: CAT080010655  
Alias Type: EPA Identification Number  
Alias Name: 19281007  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 04/19/1982  
Comments: FACILITY IDENTIFIED IDENTIFIED THROUGH TIP

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 02/14/1992  
Comments: SSI Report reviewed by Region 4 staff. The site is bounded by: Alameda St. to the west, Sepulveda Blvd. to the south, and the Dominguez Channel to the north and east. There are three separate entities operating at the site: Texaco Ref. & Marketing, Air Products & Chemicals, and Atlantic Rich- field Co. (ARCO). In addition, the LA Co. Flood Control District (LACFCD) uses a portion in the SE corner as an equipment yard for the Dominguez Gap Saltwater Barrier Project. The Texaco Sulfur Recovery Plant is in the RCRA data base (EPA id# CAT000646331). Air Products & Chem. is also (EPA ID# CAT080010655). ARCO as well (EPA ID# CAD077227049) The RWQCB is overseeing GW contam. problems in the Carson area associated with past practices of refineries, but is not currently involved with this site. Recommend referral to RWQCB. Alameda Street Landfill is on the NE side of the Dom- inguez Channel from this site (Calsites # 19490218).

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 05/19/1989  
Comments: SITE SCREENING DONE E&E CONDUCTED A REASSESSMENT OF THE PA ON 12/20/88; RECOMMEND MEDIUM PRIORITY SSI; DHS CONCURS WITH RECOMMENDATION

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 06/01/1985  
Comments: SOURCE ACT: LACE IW PERMIT 3/5/63 - CRYOGENIC GAS PROCESSING WASTE TYPE: LACH INSP REP 5/20/83 - COOLING WATER TO DOMINGUEZ CHANNEL, STODDARD SOLVENT - CLOSED SYSTEM 110 GAL/YR; SODIUM CARBONATE - 40 GAL/ MIN IN WASTEWATER TO CHANNEL & CAUSTIC STRIPPER - UNDERGROUND TANK 1050 GAL/M YEARS OPERATION: 1962 TO PRESENT DISPOSAL OF LAB WASTES INTO SEPTIC SYS- TEM; IN EARLIER INSPECTION: REPORTED WASTES DUMPED ON GROUND BY CHANNEL MENTIONED SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIR PRODUCTS & CHEMICALS INC (Continued)**

**S105024519**

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

**CPS-SLIC:**

Name: AIR PRODUCTS & CHEMICALS, INC.  
Address: 23320 ALAMEDA ST S  
City,State,Zip: CARSON, CA 90810  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 09/25/1997  
Global Id: T0603703068  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.8124715  
Longitude: -118.232838  
Case Type: Cleanup Program Site  
Case Worker: SLC  
Local Agency: LOS ANGELES COUNTY  
RB Case Number: 0336  
File Location: Not reported  
Potential Media Affected: Soil  
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon  
Site History: Not reported

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

**HIST CORTESE:**

edr\_fname: AIR PRODUCTS & CHEMICALS  
edr\_fadd1: 23320 ALAMEDA  
City,State,Zip: LONG BEACH, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-05385

edr\_fname: AIR PRODUCTS & CHEMICALS  
edr\_fadd1: 23320 ALAMEDA  
City,State,Zip: LONG BEACH, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: CALSI  
Reg Id: 19281007

**CERS:**

Name: AIR PRODUCTS & CHEMICALS, INC.  
Address: 23320 ALAMEDA ST S  
City,State,Zip: CARSON, CA 90810  
Site ID: 230474  
CERS ID: T0603703068

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AIR PRODUCTS & CHEMICALS INC (Continued)**

**S105024519**

CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker  
 Entity Name: JOHN AWUJO - LOS ANGELES COUNTY  
 Entity Title: Not reported  
 Affiliation Address: 900 S FREMONT AVE  
 Affiliation City: ALHAMBRA  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker  
 Entity Name: SLC - LOS ANGELES RWQCB (REGION 4)  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Los Angeles  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**AB147  
 SE  
 1/2-1  
 0.844 mi.  
 4455 ft.**

**WILMINGTON CLA & HOLD YD  
 LOS ANGELES, CA  
 Site 1 of 3 in cluster AB**

**FUDS 1007212263  
 N/A**

**Relative:  
 Higher  
 Actual:  
 26 ft.**

FUDS:

EPA Region: 9  
 Installation ID: CA99799F569000  
 Congressional District Number: 44  
 Facility Name: WILMINGTON CLA & HOLD YD  
 FUDS Number: J09CA0730  
 City: LOS ANGELES  
 State: CA  
 County: LOS ANGELES  
 Telephone: 213-452-3920  
 USACE Division: South Pacific Division (SPD)  
 USACE District: Los Angeles District (SPL)  
 Status: Properties with all projects at site closeout  
 Current Owner: Local Government  
 X Coord: -118.225000000149  
 Y Coord: 33.812499999975799  
 Latitude: 33.8125  
 Longitude: -118.22499999999999

FUDS Detail as of Jan 2015:

Fiscal Year: 2013  
 Federal Facility ID: CA9799F5690  
 RAB: Not reported  
 NPL Status: Not Listed  
 Description: The site consisted of 274.57 acres, located 2401 E. Pacific Coast Highway in Wilmington, California. The property composing the Wilmington Class and Hold Yard was acquired by the U.S. Army during 1943 and 1944. Records indicate that 272.23 acres were leased from the City of Los Angeles (W2972-eng-755 and W04- 193-eng-4356).

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILMINGTON CLA & HOLD YD (Continued)**

**1007212263**

History: Approximately 1.55 acres were leased from the Watson Land Company (W04-193-eng2652). Approximately 0.65 acres were acquired by permit and 0.142 acres were acquired by license from various private and public parties. Thus, a total of 274.57 acres were acquired by the Army for the Wilmington Class and Hold Yard. In the months of May and June 1946, 201.57 and 73 acres, respectively, of the Class and Hold Yard were declared surplus. On 1 July 1946 the land was transferred to the Veterans Administration. The City of Los Angeles currently owns 272.23 acres of the former Wilmington Class and Hold Yard. The property is currently being beneficially used for many purposes. Business located on the property include shipping container platforms for loading and unloading container onto railroad cars (Intermodal Container and Transportation Facility), sulfur storage (California Sulfur Company), import and export operations (Import Dealers Service Corporation), warehouses (Port of Los Angeles, California Cartage Company, Inc.) and a refinery (Texaco).

The site was used by the U.S. Army as a loading and storage area for military equipment awaiting shipment. Improvements to the site, all constructed in 1943 and 1944, included three warehouses, a railroad spur, sewer and water lines. The property, formerly known as Manuel Warehouse, is currently the site of the Cal Cartage, Inc., a container and freight station that stores and distributes goods that arrive at the Port of Los Angeles from U.S. and international destinations. Goods stored and distributed at the facility include bulk cotton, copper, and other miscellaneous items. Cal Cartage occupies approximately the same area as the former Manuel Warehouse, which encompassed 85 acres. The southern boundary of Cal Cartage is Pacific Coast Highway; the northern boundary is Sepulveda Boulevard; the western boundary is the Dominguez Channel and Union Pacific Railroad Line; and the eastern boundary is a Southern California Edison electrical tower transmission easement. Although Cal Cartage leases the Edison easement for storage, this easement is not part of the Wilmington Classification and Hold Yard or Manuel Warehouse site. There are three 200,000 square foot former DoD warehouses being beneficially used by Cal Cartage. These warehouses currently numbered 13, 16, and 17 (formerly numbers 1, 2, and 3 respectively) were constructed in 1943 for the DoD. The LA Ordnance Depot occupied warehouse No. 17. The warehouses are surrounded by roadways, rail lines, and other miscellaneous facilities associated with importing and exporting of goods from the port. Some of the rail lines, constructed for DoD use, are being beneficially used. Large portions of the property are occupied by stored freight containers.

CTC: 163  
Current Program: Not reported  
Future Program: Not reported  
Institutional ID: 61234

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AB148**     **WILMINGTON CLASS & HOLD YD**  
**SE**  
**1/2-1**     **LOS ANGELES, CA**  
**0.844 mi.**  
**4455 ft.**     **Site 2 of 3 in cluster AB**

**CA ENVIROSTOR**     **S107737624**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**26 ft.**

**ENVIROSTOR:**  
Name: WILMINGTON CLASS & HOLD YD  
Address: Not reported  
City,State,Zip: LOS ANGELES, CA  
Facility ID: 80000531  
Status: Inactive - Needs Evaluation  
Status Date: 07/01/2005  
Site Code: Not reported  
Site Type: Military Evaluation  
Site Type Detailed: FUDS  
Acres: 275  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Douglas Bautista  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: DERA  
Latitude: 33.8125  
Longitude: -118.225  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: WILMINGTON CLASS & HOLD YARD  
Alias Type: Alternate Name  
Alias Name: CA99799F569000  
Alias Type: Federal Facility ID  
Alias Name: J09CA0730  
Alias Type: INPR  
Alias Name: 80000531  
Alias Type: Envirostor ID Number

**Completed Info:**  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inventory Project Report (INPR)  
Completed Date: 09/30/1999  
Comments: Not reported  
  
Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WILMINGTON CLASS & HOLD YD (Continued)**

**S107737624**

Schedule Revised Date: Not reported

**AB149  
 SE  
 1/2-1  
 0.844 mi.  
 4455 ft.**

**WILMINGTON CLASS&YARD OE  
 LOS ANGELES, CA  
 Site 3 of 3 in cluster AB**

**UXO 1024714842  
 N/A**

**Relative:  
 Higher  
 Actual:  
 26 ft.**

UXO:  
 DoD Component: FUDS  
 Installation Name: WILMINGTON CLA & HOLD YD  
 Facility Address 2: Not reported  
 Site ID: 02OEW  
 Site Type: Unexploded Munitions and Ordnance Area  
 Latitude: 33.8125  
 Longitude: -118.22499999999999

**150  
 NNW  
 1/2-1  
 0.845 mi.  
 4461 ft.**

**DEL AMO ELEMENTARY SCHOOL  
 21228 WATER STREET  
 CARSON, CA 90745**

**CA ENVIROSTOR S108054439  
 CA SCH N/A  
 CA CERS**

**Relative:  
 Higher  
 Actual:  
 26 ft.**

ENVIROSTOR:  
 Name: DEL AMO ELEMENTARY SCHOOL  
 Address: 21228 WATER STREET  
 City,State,Zip: CARSON, CA 90745  
 Facility ID: 60000406  
 Status: No Further Action  
 Status Date: 09/11/2008  
 Site Code: 304537  
 Site Type: School Cleanup  
 Site Type Detailed: School  
 Acres: 9.2  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Not reported  
 Supervisor: Shahir Haddad  
 Division Branch: Southern California Schools & Brownfields Outreach  
 Assembly: 64  
 Senate: 35  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Responsible Party  
 Latitude: 33.83638  
 Longitude: -118.2402  
 APN: 7326006900  
 Past Use: SCHOOL - ELEMENTARY  
 Potential COC: Under Investigation Methane Tetrachloroethylene (PCE Trichloroethylene (TCE  
 Confirmed COC: Under Investigation Tetrachloroethylene (PCE Trichloroethylene (TCE Methane  
 Potential Description: OTH, SOIL, SV  
 Alias Name: 7326006900

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEL AMO ELEMENTARY SCHOOL (Continued)**

**S108054439**

Alias Type: APN  
Alias Name: 304537  
Alias Type: Project Code (Site Code)  
Alias Name: 60000406  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/11/2008  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 11/06/2006  
Comments: PEA Workplan Completed/Accepted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/06/2006  
Comments: DTSC accepted the Report prepared by its contractor as complete. Monitoring along site boundary will continue as part of the work on adjacent property.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/04/2007  
Comments: Document accepted.

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

SCH:

Name: DEL AMO ELEMENTARY SCHOOL  
Address: 21228 WATER STREET  
City,State,Zip: CARSON, CA 90745  
Facility ID: 60000406  
Site Type: School Cleanup  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 9.2  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEL AMO ELEMENTARY SCHOOL (Continued)**

**S108054439**

Project Manager: Not reported  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 304537  
Assembly: 64  
Senate: 35  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 09/11/2008  
Restricted Use: NO  
Funding: Responsible Party  
Latitude: 33.83638  
Longitude: -118.2402  
APN: 7326006900  
Past Use: SCHOOL - ELEMENTARY  
Potential COC: Under Investigation, Methane, Tetrachloroethylene (PCE, Trichloroethylene (TCE)  
Confirmed COC: Under Investigation, Tetrachloroethylene (PCE, Trichloroethylene (TCE, Methane  
Potential Description: OTH, SOIL, SV  
Alias Name: 7326006900  
Alias Type: APN  
Alias Name: 304537  
Alias Type: Project Code (Site Code)  
Alias Name: 60000406  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/11/2008  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 11/06/2006  
Comments: PEA Workplan Completed/Accepted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/06/2006  
Comments: DTSC accepted the Report prepared by its contractor as complete. Monitoring along site boundary will continue as part of the work on adjacent property.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 06/04/2007  
Comments: Document accepted.

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEL AMO ELEMENTARY SCHOOL (Continued)**

**S108054439**

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

**CERS:**

Name: DEL AMO ELEMENTARY S  
Address: 21228 WATER STREET  
City,State,Zip: CARSON, CA 90745  
Site ID: 336649  
CERS ID: 60000406  
CERS Description: School Cleanup

**Affiliation:**

Affiliation Type Desc: Supervisor  
Entity Name: SHAHIR HADDAD  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**AC151**  
**North**  
**1/2-1**  
**0.905 mi.**  
**4780 ft.**

**CHEMICAL RAINBOW TANK LINES**  
**21119 WILMINGTON AVE**  
**LONG BEACH, CA 90810**

**CORRACTS** 1000299395  
**RCRA-SQG** CAD009774118  
**FINDS**  
**ECHO**

**Site 1 of 3 in cluster AC**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**CORRACTS:**  
EPA ID: CAD009774118  
EPA Region: 09  
Area Name: SWMU # 08, FORMER WASH RACK  
Actual Date: 20160408  
Action: CA340 - CMS Report Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported  
  
EPA ID: CAD009774118  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20160405  
Action: CA350 - CMS Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: 20160122  
Schedule end date: Not reported  
  
EPA ID: CAD009774118

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20141020  
Action: CA340 - CMS Report Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: 20140930  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: SWMU # 08, FORMER WASH RACK  
Actual Date: 20140725  
Action: CA650OT  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: 20140824  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20140606  
Action: CA180 - RFI Supplemental Implementation Begun  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: 20140608  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20130814  
Action: CA380 - Date For Public Notice On Proposed Remedy  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: 20130819  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: SWMU # 08, FORMER WASH RACK  
Actual Date: 20130814  
Action: CA600T - Stabilization Measures Implemented, Other activity  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: 20130913

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20121012  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance

Original schedule date: 20121111  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20121010  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance

Original schedule date: 20121008  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: AOC # 1A, TANK TRUCK STAGING AREA (NW CO  
Actual Date: 20111020  
Action: CA600T - Stabilization Measures Implemented, Other activity  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance

Original schedule date: 20111119  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: SWMU # 08, FORMER WASH RACK  
Actual Date: 20110505  
Action: CA170 - RFI Supplemental Information Deemed Satisfactory  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance

Original schedule date: 20110518  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: SWMU # 08, FORMER WASH RACK  
Actual Date: 20110503  
Action: CA160 - RFI Supplemental Information Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: 20110630  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: AOC # 1A, TANK TRUCK STAGING AREA (NW CO  
Actual Date: 20090928  
Action: CA600T - Stabilization Measures Implemented, Other activity  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20081223  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20081223  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20081223  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20081223

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20081205  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20081205  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20081205  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20081205  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20081104  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20081104  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20081104  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20081104  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20080923  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20080923  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20080923  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20080923  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20060109  
Action: CA260 - CMS Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20060109  
Action: CA260 - CMS Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20060109  
Action: CA260 - CMS Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20051228  
Action: CA100 - RFI Imposition  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20051228  
Action: CA100 - RFI Imposition  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20051228  
Action: CA100 - RFI Imposition  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20051228

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Action: CA100 - RFI Imposition  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20051013  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20051013  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20051013  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20051013  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20050729  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20050729  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20050729  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20050729  
Action: CA120 - RFI Workplan Modification Requested By Agency  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20050519  
Action: CA190 - RFI Report Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20050519  
Action: CA190 - RFI Report Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20050519  
Action: CA190 - RFI Report Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20050519  
Action: CA190 - RFI Report Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20050519  
Action: CA190 - RFI Report Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20040915  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20040915  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20040915  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20040915  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20040915  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: PESTICIDE CONTAMINATED SOILS, AOC #2  
Actual Date: 20040611

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: FORMER WASH RACK - SWMU # 8  
Actual Date: 20040611  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: NW CORNER OF FACILITY, AOC #1  
Actual Date: 20040611  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20040611  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD009774118  
EPA Region: 09  
Area Name: CURRENT WASH RACK, SWMU #3  
Actual Date: 20040611  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 48411 81149 81149  
General Freight Trucking, Local  
Other Personal and Household Goods Repair and Maintenance  
Other Personal and Household Goods Repair and Maintenance  
Original schedule date: Not reported  
Schedule end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

RCRA-SQG:

Date form received by agency: 09/01/1996  
Facility name: CHEMICAL RAINBOW TANK LINES  
Facility address: 21119 WILMINGTON AVE  
LONG BEACH, CA 90810  
EPA ID: CAD009774118  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: C DONALD ALBIN  
Owner/operator address: 21119 WILMINGTON AVE  
LONG BEACH, CA 90810  
Owner/operator country: Not reported  
Owner/operator telephone: 310-835-0151  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
Owner/operator name: C DONALD ALBIN  
Owner/operator address: 21119 WILMINGTON AVE  
CITY NOT REPORTED, CA 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 213-775-2625  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996

Site name: CHEMICAL RAINBOW TANK LINES

Classification: Small Quantity Generator

Date form received by agency: 02/07/1994

Site name: CHEMICAL RAINBOW TANK LINES

Classification: Large Quantity Generator

Date form received by agency: 02/18/1992

Site name: CHEMICAL RAINBOW TRANSPORT TANK CLEANERS

Classification: Large Quantity Generator

Date form received by agency: 02/17/1992

Site name: CHEMICAL RAINBOW TANK LINES

Classification: Large Quantity Generator

Date form received by agency: 04/06/1990

Site name: CHEMICAL TRANSPORTATION

Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 06/11/2004

Event: INVESTIGATION WORKPLAN RECEIVED

Event date: 09/15/2004

Event: INVESTIGATION WORKPLAN APPROVED

Event date: 05/19/2005

Event: INVESTIGATION REPORT RECEIVED

Event date: 07/29/2005

Event: INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY

Event date: 10/13/2005

Event: INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY

Event date: 12/28/2005

Event: INVESTIGATION IMPOSITION

Event date: 01/09/2006

Event: CMS WORKPLAN RECEIVED

Event date: 09/23/2008

Event: INVESTIGATION WORKPLAN RECEIVED

Event date: 11/04/2008



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Event:	INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY
Event date:	12/05/2008
Event:	INVESTIGATION WORKPLAN RECEIVED
Event date:	12/23/2008
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	09/28/2009
Event:	STABILIZATION/INTERIM MEASURES DECISION-OTHER
Event date:	05/03/2011
Event:	INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED
Event date:	05/05/2011
Event:	INVESTIGATION SUPPLEMENTAL INFO DEEMED SATISFACT
Event date:	10/20/2011
Event:	STABILIZATION/INTERIM MEASURES DECISION-OTHER
Event date:	10/10/2012
Event:	INVESTIGATION WORKPLAN RECEIVED
Event date:	10/12/2012
Event:	INVESTIGATION WORKPLAN APPROVED
Event date:	08/14/2013
Event:	STABILIZATION/INTERIM MEASURES DECISION-OTHER
Event date:	08/14/2013
Event:	DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY
Event date:	06/06/2014
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	07/25/2014
Event:	STABILIZATION CONSTRUCTION COMPLETED - OTHER
Event date:	10/20/2014
Event:	CMS REPORT RECEIVED
Event date:	04/05/2016
Event:	CMS COMPLETE
Event date:	04/08/2016
Event:	CMS REPORT RECEIVED

Facility Has Received Notices of Violations:

Regulation violated:	FR - 262.50-60
Area of violation:	Generators - General
Date violation determined:	08/04/1993
Date achieved compliance:	08/16/1993
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	08/04/1993
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D  
Area of violation: Generators - General  
Date violation determined: 08/04/1993  
Date achieved compliance: 08/16/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/04/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 10/09/1984  
Date achieved compliance: 11/16/1984  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/09/1984  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 07/20/1993  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/21/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 08/16/1993  
Evaluation lead agency: State

Evaluation date: 04/08/1985  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/08/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

Evaluation date: 10/09/1984  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 11/16/1984  
Evaluation lead agency: State

Evaluation date: 10/09/1984  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**FINDS:**

Registry ID: 110009538811

**Environmental Interest/Information System**

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

Registry ID: 110002638003

**Environmental Interest/Information System**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

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: 1000299395  
Registry ID: 110009538811

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

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**CHEMICAL RAINBOW TANK LINES (Continued)**

**1000299395**

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009538811>  
 Envid: 1000299395  
 Registry ID: 110002638003  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002638003>

**AC152**  
**North**  
**1/2-1**  
**0.905 mi.**  
**4780 ft.**

**RAINBOW LLC**  
**21119 WILMINGTON AVE**  
**CARSON, CA 90810**

**CA ENVIROSTOR**  
**CA CERS**

**1007739522**  
**N/A**

**Site 2 of 3 in cluster AC**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**ENVIROSTOR:**

Name: RAINBOW LLC  
 Address: 21119 WILMINGTON AVE  
 City, State, Zip: CARSON, CA 908100000  
 Facility ID: 80001649  
 Status: Active  
 Status Date: 01/01/2008  
 Site Code: 400398  
 Site Type: Corrective Action  
 Site Type Detailed: Corrective Action  
 Acres: 10  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: WM  
 Program Manager: Paul Ruffin  
 Supervisor: Ajit Vaidya  
 Division Branch: Engineering & Special Projects  
 Assembly: 64  
 Senate: 35  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not reported  
 Latitude: 33.83745  
 Longitude: -118.2383  
 APN: 7326-006-002, 7326-006-006, 7326-006-007, 7326-006-008, 7326-006-009,  
 7326-006-010, 7326006002, 7326006006, 7326006007, 7326006008,  
 7326006009, 7326006010  
 Past Use: AGRICULTURAL - ROW CROPS, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS,  
 VEHICLE MAINTENANCE, VEHICLE MAINTENANCE, UNDERGROUND STORAGE TANKS,  
 UNDERGROUND STORAGE TANKS, WASTE - INDUSTRIAL TREATMENT FACILITY,  
 TRANSFER STATION, MAINTENANCE / CLEANING, HAZARDOUS WASTE TREATMENT,  
 LDF, WASTE - INDUSTRIAL TREATMENT FACILITY, FUEL - VEHICLE STORAGE/  
 REFUELING, MACHINE SHOP, UNKNOWN, VEHICLE MAINTENANCE  
 Potential COC: Tetrachloroethylene (PCE Tetrachloroethylene (PCE Trichloroethylene (TCE  
 Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (TCE  
 Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE  
 Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE  
 Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE  
 Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE  
 Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL TPH-diesel TPH-gas  
 TPH-MOTOR OIL TPH-diesel TPH-gas TPH-MOTOR OIL TPH-MOTOR OIL  
 Confirmed COC: Toxaphene 3002502-NO 30022-NO Tetrachloroethylene (PCE  
 Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE  
 No Contaminants found No Contaminants found  
 Tetrachloroethylene (PCE Trichloroethylene (TCE 30024-NO 30025-NO  
 3002502-NO Tetrachloroethylene (PCE Trichloroethylene (TCE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Potential Description: SOIL, SOIL, SV, SOIL, SOIL, SOIL, SV, SOIL, SOIL, SOIL, SV, OTH,  
SOIL, SV, SOIL, SOIL, OTH, SOIL, SV, SOIL, SV

Alias Name: Rainbow Transport Tank Cleaners  
Alias Type: Alternate Name  
Alias Name: Rainbow Truck Company  
Alias Type: Alternate Name  
Alias Name: 7326-006-002  
Alias Type: APN  
Alias Name: 7326-006-006  
Alias Type: APN  
Alias Name: 7326-006-007  
Alias Type: APN  
Alias Name: 7326-006-008  
Alias Type: APN  
Alias Name: 7326-006-009  
Alias Type: APN  
Alias Name: 7326-006-010  
Alias Type: APN  
Alias Name: 7326006002  
Alias Type: APN  
Alias Name: 7326006006  
Alias Type: APN  
Alias Name: 7326006007  
Alias Type: APN  
Alias Name: 7326006008  
Alias Type: APN  
Alias Name: 7326006009  
Alias Type: APN  
Alias Name: 7326006010  
Alias Type: APN  
Alias Name: CAD009774118  
Alias Type: EPA Identification Number  
Alias Name: 110019005850  
Alias Type: EPA (FRS #)  
Alias Name: T0603701909  
Alias Type: GeoTracker Global ID  
Alias Name: T0603703071  
Alias Type: GeoTracker Global ID  
Alias Name: 400398  
Alias Type: Project Code (Site Code)  
Alias Name: 80001649  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 09/20/2016  
Comments: Minor comment to be addressed in future reports.

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 07/12/2018  
Comments: Not reported

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Completed Document Type: Other Report  
Completed Date: 01/16/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/24/2018  
Comments: Not reported

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 04/16/2018  
Comments: Not reported

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 10/05/2009  
Comments: Not reported

Completed Area Name: Area Specific  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Agreement  
Completed Date: 12/28/2004  
Comments: Not reported

Completed Area Name: Area Specific  
Completed Sub Area Name: Not reported  
Completed Document Type: Amendment - Order/Agreement  
Completed Date: 07/20/2010  
Comments: First amendment to corrective action consent agreement to cover corrective measures study

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 03/01/2012  
Comments: Completed.

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 07/10/2012  
Comments: Approved

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Correspondence  
Completed Date: 06/19/2013  
Comments: Issued by South Coast Air Quality Management District

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 10/14/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Comments: Complete

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pre-HARP Form  
Completed Date: 04/22/2014  
Comments: Complete

Completed Area Name: Area Specific  
Completed Sub Area Name: Not reported  
Completed Document Type: RFI Report  
Completed Date: 05/12/2010  
Comments: Not reported

Completed Area Name: Area Specific  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 05/12/2009  
Comments: This is considered a final document. Pending completion of the off-site investigation in the NW corner of Rainbow will prepare and submit the RFI report.

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: RFI Workplan  
Completed Date: 06/29/2009  
Comments: Not reported

Completed Area Name: Area Specific  
Completed Sub Area Name: Not reported  
Completed Document Type: RFI Workplan  
Completed Date: 09/15/2004  
Comments: The entire facility consists of 4 units. (AOC #1, SWMU #8, AOC #2, SWMU #3).

Completed Area Name: Area Specific  
Completed Sub Area Name: Not reported  
Completed Document Type: RFI Workplan  
Completed Date: 12/23/2008  
Comments: Conditional Approval of Revised RFI Workplan Addendum. ps 12/31/08

Completed Area Name: Entire Facility - MULTIPLE SITES  
Completed Sub Area Name: Not reported  
Completed Document Type: Corrective Measures Study Workplan  
Completed Date: 01/11/2011  
Comments: The document was approved as amended by the response to comments document

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Interim Measures Workplan  
Completed Date: 09/28/2009  
Comments: Approval of interim measure work plan consisting of an SVE with GAC treatments installed in the NW corner of the site.

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Completed Document Type: Other Report  
Completed Date: 01/28/2010  
Comments: Report was reviewed by GSU - report is acceptable. No response/letter required.

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: RFI Workplan Addendum  
Completed Date: 05/05/2011  
Comments: Approved with additional recommendations.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 03/22/2011  
Comments: Not reported

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 08/23/2011  
Comments: Closed activity.

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Pilot Study/Treatability Workplan  
Completed Date: 03/01/2012  
Comments: Completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Corrective Measures Study Report  
Completed Date: 04/05/2016  
Comments: Conditional technical completeness

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Interim Measures Workplan  
Completed Date: 10/20/2011  
Comments: .

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/21/2011  
Comments: Acceptable as submitted

Completed Area Name: Entire Facility - MULTIPLE SITES  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 02/21/2012  
Comments: Well decommissioning to be completed by 3/30/2012.

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Work Notice  
Completed Date: 07/10/2012



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Comments: Finalized and mailed 7/10/2012

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Other Report  
Completed Date: 04/25/2012  
Comments: Acceptable as submitted.

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Interim Measures Workplan  
Completed Date: 07/10/2012  
Comments: .

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/22/2012  
Comments: Acceptable as submitted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/12/2013  
Comments: Accepted.

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 10/19/2012  
Comments: Acceptable as submitted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RFI Workplan  
Completed Date: 10/12/2012  
Comments: Approved.

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 10/15/2012  
Comments: Acceptable as submitted.

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 01/15/2013  
Comments: Report not subject to approval by DTSC

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 02/04/2013  
Comments: Report sent to RWQCB not DTSC. Verbal comments provided during meeting on 2/4/2013.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Interim Measures Workplan  
Completed Date: 08/14/2013  
Comments: Technically complete

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Work Notice  
Completed Date: 04/12/2013  
Comments: Del Amo Mailing by ENVIRON. Community mailing by DTSC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 05/31/2013  
Comments: Comments to be address in the CMS Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/10/2013  
Comments: Acceptable as submitted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/13/2014  
Comments: Complete

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Monitoring Report  
Completed Date: 05/22/2014  
Comments: Approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/22/2013  
Comments: Response acceptable

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 08/14/2013  
Comments: Published in the Daily Breeze Newspaper

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 10/24/2013  
Comments: Completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Completed Date: 01/14/2014  
Comments: Completed

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Other Report  
Completed Date: 02/11/2014  
Comments: Responses acceptable.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 06/06/2014  
Comments: Complete

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/30/2014  
Comments: Acceptable as submitted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 08/11/2014  
Comments: Approved with a comment

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Interim Measures Implementation Report  
Completed Date: 07/25/2014  
Comments: Sources of contaminants at the 21111 Wilmington property to be discussed in the CMS report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/21/2014  
Comments: Acceptable as submitted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/03/2015  
Comments: Accepted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/30/2015  
Comments: Acceptable as submitted

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Other Report  
Completed Date: 09/03/2014  
Comments: Comments provided

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 09/19/2014  
Comments: Figure discussed during conference call with ENVIRON on 9/29/2014

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 12/23/2014  
Comments: Comments rolled into comments on the shut-down plan

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Other Report  
Completed Date: 12/18/2014  
Comments: Comments provided verbally during conference call

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/21/2014  
Comments: Approved with comments

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 05/07/2015  
Comments: Accepted.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 08/05/2015  
Comments: Complete

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 10/21/2014  
Comments: Accepted

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Technical Workplan  
Completed Date: 01/15/2015  
Comments: Conditionally approved.

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 03/26/2015  
Comments: Complete

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Completed Date: 03/26/2015  
Comments: Approved with comments.

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 05/01/2015  
Comments: .

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Other Report  
Completed Date: 05/01/2015  
Comments: No review - GSU to review data along with rebound results.

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Other Report  
Completed Date: 06/12/2015  
Comments: Accepted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/28/2015  
Comments: Acceptable as submitted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/30/2015  
Comments: Approving with comments to be address in next report

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 09/30/2015  
Comments: Approved

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Other Report  
Completed Date: 11/18/2015  
Comments: Accepted with recommendations for future reports

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/30/2015  
Comments: Acceptable as submitted

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 02/11/2016  
Comments: Conditional approval

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1A, Tank Truck Staging Area (NW Corner)  
Completed Document Type: Other Report  
Completed Date: 04/29/2016  
Comments: Accepted as submitted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 02/01/2016  
Comments: Acceptable as submitted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/11/2016  
Comments: Comments to be addressed in next report

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 07/06/2016  
Comments: Approved as submitted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/29/2016  
Comments: Accepted as submitted

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 05/02/2016  
Comments: Accepted as submitted

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1B, Tank Truck Staging Area (Del Amo Elementary Boundary)  
Completed Document Type: Technical Workplan  
Completed Date: 07/10/2015  
Comments: Conditionally approved

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1B, Tank Truck Staging Area (Del Amo Elementary Boundary)  
Completed Document Type: Work Notice  
Completed Date: 07/16/2015  
Comments: Completed

Completed Area Name: Area Specific  
Completed Sub Area Name: AOC # 1B, Tank Truck Staging Area (Del Amo Elementary Boundary)  
Completed Document Type: Other Report  
Completed Date: 08/03/2015  
Comments: Second sampling event not necessary

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Technical Workplan

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Completed Date: 01/04/2016  
Comments: Conditionally approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 11/02/2015  
Comments: Acceptable as submitted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 05/27/2016  
Comments: Conditionally approved

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/15/2016  
Comments: Approved as submitted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/31/2016  
Comments: Acceptable as submitted

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/24/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 10/24/2018  
Comments: Not reported

Completed Area Name: Area Specific  
Completed Sub Area Name: SWMU # 08, Former Wash Rack  
Completed Document Type: Other Report  
Completed Date: 10/14/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/12/2016  
Comments: Approved

Future Area Name: Area Specific  
Future Sub Area Name: SWMU # 08, Former Wash Rack  
Future Document Type: Corrective Measures Study Report  
Future Due Date: 2019  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RAINBOW LLC (Continued)**

**1007739522**

Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

**CERS:**

Name: RAINBOW LLC  
 Address: 21119 WILMINGTON AVE  
 City,State,Zip: CARSON, CA 908100000  
 Site ID: 342012  
 CERS ID: 80001649  
 CERS Description: Corrective Action

**Affiliation:**

Affiliation Type Desc: Lead Project Manager  
 Entity Name: ANANTARAMAM PEDDADA  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: CYPRESS  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor  
 Entity Name: Ajit Vaidya  
 Entity Title: Not reported  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

**AC153**  
**North**  
**1/2-1**  
**0.905 mi.**  
**4780 ft.**

**CHEMICAL TRANSPORTATION**  
**21119 WILMINGTON AVE**  
**LONG BEACH, CA 90810**  
**Site 3 of 3 in cluster AC**

**CA ENVIROSTOR** **S103641532**  
**CA SWEEPS UST** **N/A**  
**CA HIST CORTESE**  
**CA HWP**  
**CA CERS**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**ENVIROSTOR:**  
 Name: RAINBOW TANK CLEANERS  
 Address: 21119 WILMINGTON AVENUE  
 City,State,Zip: LONG BEACH, CA 90810  
 Facility ID: 71002321  
 Status: Refer: Other Agency  
 Status Date: Not reported  
 Site Code: Not reported  
 Site Type: Tiered Permit  
 Site Type Detailed: Tiered Permit  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: NONE SPECIFIED  
 Lead Agency: NONE SPECIFIED  
 Program Manager: Not reported  
 Supervisor: Not reported  
 Division Branch: Cleanup Chatsworth  
 Assembly: 64



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL TRANSPORTATION (Continued)**

**S103641532**

Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.83749  
Longitude: -118.2383  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD009774118  
Alias Type: EPA Identification Number  
Alias Name: 110019005850  
Alias Type: EPA (FRS #)  
Alias Name: 71002321  
Alias Type: Envirostor ID Number

Completed Info:

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

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

SWEEPS UST:

Name: CHEMICAL TRANSPORTATION  
Address: 21119 WILMINGTON AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 4759  
Number: 9  
Board Of Equalization: 44-013323  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: C  
SWRCB Tank Id: 19-060-004759-000001  
Tank Status: A  
Capacity: 1000  
Active Date: 07-01-85  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: 7

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL TRANSPORTATION (Continued)**

**S103641532**

Name: CHEMICAL TRANSPORTATION  
Address: 21119 WILMINGTON AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 4759  
Number: 9  
Board Of Equalization: 44-013323  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: B  
SWRCB Tank Id: 19-060-004759-000002  
Tank Status: A  
Capacity: 2000  
Active Date: 07-01-85  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

Name: CHEMICAL TRANSPORTATION  
Address: 21119 WILMINGTON AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 4759  
Number: 9  
Board Of Equalization: 44-013323  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: D  
SWRCB Tank Id: 19-060-004759-000003  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Name: CHEMICAL TRANSPORTATION  
Address: 21119 WILMINGTON AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 4759  
Number: 9  
Board Of Equalization: 44-013323  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: E  
SWRCB Tank Id: 19-060-004759-000004  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL TRANSPORTATION (Continued)**

**S103641532**

Content: DIESEL  
Number Of Tanks: Not reported

Name: CHEMICAL TRANSPORTATION  
Address: 21119 WILMINGTON AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 4759  
Number: 9  
Board Of Equalization: 44-013323  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: H  
SWRCB Tank Id: 19-060-004759-000005  
Tank Status: A  
Capacity: 500  
Active Date: 07-01-85  
Tank Use: OIL  
STG: P  
Content: MOTOR OIL  
Number Of Tanks: Not reported

Name: CHEMICAL TRANSPORTATION  
Address: 21119 WILMINGTON AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 4759  
Number: 9  
Board Of Equalization: 44-013323  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: G  
SWRCB Tank Id: 19-060-004759-000006  
Tank Status: A  
Capacity: 12000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Name: CHEMICAL TRANSPORTATION  
Address: 21119 WILMINGTON AVE  
City: LONG BEACH  
Status: Active  
Comp Number: 4759  
Number: 9  
Board Of Equalization: 44-013323  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: A  
SWRCB Tank Id: 19-060-004759-000007  
Tank Status: A  
Capacity: 12000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL TRANSPORTATION (Continued)**

**S103641532**

Active Date: 07-01-85  
Tank Use: CHEMICAL  
STG: W  
Content: WASTE CHEMIC  
Number Of Tanks: Not reported

**HIST CORTESE:**

edr\_fname: RAINBOW TRANSP TANK CLEA  
edr\_fadd1: 21119 WILMINGTON  
City,State,Zip: LONG BEACH, CA 90810  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-05422

**HWP:**

Name: RAINBOW LLC  
Address: 21119 WILMINGTON AVE  
City,State,Zip: LONG BEACH, CA 908100000  
EPA Id: CAD009774118  
Cleanup Status: CLOSED  
Latitude: 33.83745  
Longitude: -118.2383  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: 400398, 400398  
Assembly District: 64  
Senate District: 35  
Public Information Officer: Not reported  
Public Information Officer: Not reported

**Closure:**

EPA Id: CAD009774118  
Facility Type: Historical - Non-Operating  
Unit Names: STtanktrt1  
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION  
Actual Date: 05/26/1995

**Alias:**

EPA Id: CAD009774118  
Facility Type: Historical - Non-Operating  
Alias Type: Project Code (Site Code)  
Alias: 400398

EPA Id: CAD009774118  
Facility Type: Historical - Non-Operating  
Alias Type: Project Code (Site Code)  
Alias: 400398

EPA Id: CAD009774118  
Facility Type: Historical - Non-Operating  
Alias Type: APN  
Alias: 7326-006-006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMICAL TRANSPORTATION (Continued)**

**S103641532**

EPA Id: CAD009774118  
Facility Type: Historical - Non-Operating  
Alias Type: APN  
Alias: 7326-006-007

EPA Id: CAD009774118  
Facility Type: Historical - Non-Operating  
Alias Type: APN  
Alias: 7326-006-900

EPA Id: CAD009774118  
Facility Type: Historical - Non-Operating  
Alias Type: EPA Identification Number  
Alias: CAD009774118

EPA Id: CAD009774118  
Facility Type: Historical - Non-Operating  
Alias Type: Alternate Name  
Alias: Rainbow Transport Tank Cleaners

EPA Id: CAD009774118  
Facility Type: Historical - Non-Operating  
Alias Type: Alternate Name  
Alias: Rainbow Truck Company

**CERS:**

Name: RAINBOW LLC  
Address: 21119 WILMINGTON AVE  
City,State,Zip: LONG BEACH, CA 908100000  
Site ID: 215630  
CERS ID: CAD009774118  
CERS Description: Hazardous Waste

**Affiliation:**

Affiliation Type Desc: Facility Owner  
Entity Name: C DONALD ALBIN  
Entity Title: Not reported  
Affiliation Address: 21119 WILMINGTON AVE  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 908101235  
Affiliation Phone: 3108350151

Affiliation Type Desc: Facility Contact  
Entity Name: C DONALD ALBIN  
Entity Title: Not reported  
Affiliation Address: 21119 WILMINGTON AVE  
Affiliation City: LONG BEACH  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90810  
Affiliation Phone: 3108350151

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**AD154**  
**SSW**  
**1/2-1**  
**0.973 mi.**  
**5138 ft.**

**BP CARSON REFINERY**  
**1801 SEPULVEDA**  
**CARSON, CA 90749**  
  
**Site 1 of 4 in cluster AD**

**CA ENVIROSTOR**  
**CA CHMIRS**  
**CA CIWQS**

**S101480683**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**32 ft.**

**ENVIROSTOR:**  
Name: ARCO PETROLEUM PRODUCTS COMPANY - WATSON  
Address: 1801 EAST SEPULVEDA BOULEVARD  
City,State,Zip: CARSON, CA 90745  
Facility ID: 19290015  
Status: Refer: RCRA  
Status Date: 08/28/1995  
Site Code: 400006  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: \* Mmonroy  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.81342  
Longitude: -118.2433  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: ATLANTIC RICHFIELD COMPANY  
Alias Type: Alternate Name  
Alias Name: BP WEST COAST PRODUCTS LLC  
Alias Type: Alternate Name  
Alias Name: FOUR CORNERS PIPELINE CO - CARSON  
Alias Type: Alternate Name  
Alias Name: WATSON REFINERY, ARCO PETROLEUM PRODUCTS  
Alias Type: Alternate Name  
Alias Name: CAD077227049  
Alias Type: EPA Identification Number  
Alias Name: 110017428988  
Alias Type: EPA (FRS #)  
Alias Name: CAD000628412  
Alias Type: HWTS Identification Code  
Alias Name: 400006  
Alias Type: Project Code (Site Code)  
Alias Name: 19290015  
Alias Type: Envirostor ID Number

**Completed Info:**  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 06/03/1981

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Comments: FACILITY IDENTIFIED REVIEWED COUNTY ENG. RECORDS

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 03/06/1995  
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 05/19/1989  
Comments: SITE SCREENING DONE FIT COMPLETED PA REASSESSMENT ON 10/5/88 AND RECOMMENDED NFA UNDER CERCLA, FACILITY IS RCRA REGULATED AND BEING HANDLED BY RWQCB

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

**CHMIRS:**

Name: Not reported  
Address: 1801 EAST SEPULVEDA BLVD  
City,State,Zip: CARSON, CA  
OES Incident Number: 10-6969  
OES notification: 11/19/2010  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Refinery
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Lbs.
Other:	Not reported
Date/Time:	1000
Year:	2010
Agency:	BP Carson
Incident Date:	11/18/2010
Admin Agency:	LACoFD Health Haz-Mat
Amount:	Not reported
Contained:	Unknown
Site Type:	Not reported
E Date:	Not reported
Substance:	Hydrogen sulfide H2S
Quantity Released:	100
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	***POTENTIAL RELEASE ONLY****Possible due to process malfunction. The incident is under investigation.
Name:	Not reported
Address:	1801 EAST SEPULVEDA
City,State,Zip:	CARSON, CA
OES Incident Number:	7-0582
OES notification:	02/09/1997
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1997
Agency:	ARCO
Incident Date:	2/9/199712:00:00 AM
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Unknown
Site Type:	Refinery
E Date:	Not reported
Substance:	Unknown
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Fire in refinery/unknown if any substances were released
Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Address:	1801 EAST SEPULVEDA BLVD
City,State,Zip:	CARSON, CA
OES Incident Number:	10-0422
OES notification:	01/19/2010
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Dominguez Channel
Spill Site:	Refinery
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	N/A
Other:	Not reported
Date/Time:	1445
Year:	2010
Agency:	BP Carson
Incident Date:	1/19/2010
Admin Agency:	LACoFD Health Haz-Mat
Amount:	Not reported
Contained:	Unknown
Site Type:	Dominguez Channel
E Date:	Not reported
Substance:	Sheen
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
Fatalities: Not reported  
Comments: Not reported  
Description: Per caller, the outfalls were open and it is unknown where the source of the sheen is. The sheen size is unknown.

Name: Not reported  
Address: 1801 EAST SEPULVEDA  
City,State,Zip: CARSON, CA  
OES Incident Number: 3-3000  
OES notification: 06/12/2003  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Reporting Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2003  
Agency: BP West Coast Prod.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Incident Date: 4/7/2003 12:00:00 AM  
Admin Agency: L. A. County Fire Prevention  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Gallons: 0.000000  
Pounds: 55  
Unknown: 0  
Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
#1 Pipeline: Not reported  
#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
FATALS: Not reported  
Comments: Not reported  
Description: **\*\*Historical event\*\*** Loss of De-NOX, caused release of NOX

Name: Not reported  
Address: 1801 EAST SEPULVEDA  
City,State,Zip: CARSON, CA 90745  
OES Incident Number: 5-1310  
OES notification: 02/26/2005  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agency Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	BP Carson Refinery
Incident Date:	2/26/200512:00:00 AM
Admin Agency:	L. A. County Fire Prevention
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Hydrogen
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Substance is being released to flare due to a valve on a compressor failing.
Name:	Not reported
Address:	1801 EAST SEPULVEDA
City,State,Zip:	CARSON, CA
OES Incident Number:	1-3290
OES notification:	06/07/2001
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	N/A
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	ARCO
Incident Date:	6/7/2001 12:00:00 AM
Admin Agency:	L. A. County Fire Prevention
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Pounds:	86
Unknown:	0.000000
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A shut down at the #6 coker drum resulted in process gas releasing to the flare The release is ongoing

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Name:	Not reported
Address:	1801 EAST SEPULVEDA
City,State,Zip:	CARSON, CA 90745
OES Incident Number:	0-3843
OES notification:	08/25/2000
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	n/a
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	ARCO
Incident Date:	8/25/200012:00:00 AM
Admin Agency:	L. A. County Fire Prevention
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitrogen oxide
Gallons:	0.000000
Pounds:	15
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Number of Injuries: 0  
Number of Fatalities: 0  
#1 Pipeline: Not reported  
#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
Fatafs: Not reported  
Comments: Not reported  
Description: Shutting down hydro-cracking unit and sending gas to flair.

Name: Not reported  
Address: 1801 EAST SEPULVEDA  
City,State,Zip: CARSON, CA 90745  
OES Incident Number: 08-7386  
OES notification: 10/13/2008  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Refinery  
Cleanup By: Reporting Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Bbl.(s)  
Other: Not reported  
Date/Time: 1215



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Year: 2008  
Agency: BP Carson Refinery  
Incident Date: 10/13/2008  
Admin Agency: Not reported  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported  
E Date: Not reported  
Substance: Recovered Oil  
Quantity Released: 2  
Unknown: Not reported  
Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
#1 Pipeline: Not reported  
#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
Fataals: Not reported  
Comments: Not reported  
Description: RP states that over two barrels were found in a tank basin. The cause is undetermined at this time.

Name: Not reported  
Address: 1801 EAST SEPULVEDA  
City,State,Zip: CARSON, CA 90749  
OES Incident Number: 15069  
OES notification: Not reported  
OES Date: 8/12/1996  
OES Time: 06:48:44 AM  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	NO
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	VAPOR
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	arco
Incident Date:	1550 8/10/96
Admin Agency:	Not reported
Amount:	unspecified
Contained:	NO
Site Type:	REF
E Date:	Not reported
Substance:	hydrocarbons
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	power ffailure
Name:	Not reported
Address:	1801 SEPULVEDA BLVD
City, State, Zip:	CARSON, CA
OES Incident Number:	10-1165
OES notification:	02/14/2010
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Refinery
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Lbs.
Other:	Not reported
Date/Time:	1845
Year:	2010
Agency:	BP West Coast Products, LLC
Incident Date:	2/14/2010
Admin Agency:	LACoFD Health Haz-Mat
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	SOX
Quantity Released:	500
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Per caller, flaring due to fuel gas imbalance.

CIWQS:

Name: BP CARSON REFINERY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP CARSON REFINERY (Continued)**

**S101480683**

Address: 1801 SEPULVEDA  
City,State,Zip: CARSON, CA 90749  
Agency: BP West Coast Products LLC  
Agency Address: 2350 E 223rd St, Carson, CA 90810  
Place/Project Type: Industrial - Petroleum Refining  
SIC/NAICS: 2911(+)  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I001848  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 03/30/1992  
Termination Date: 06/01/2013  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.81583  
Longitude: -118.23278

**AD155**  
**SSW**  
**1/2-1**  
**0.973 mi.**  
**5138 ft.**

**BP WEST COAST PRODUCTS LLC**  
**1801 E SEPULVEDA BLVD**  
**CARSON, CA 90745**  
**Site 2 of 4 in cluster AD**

**CA ENVIROSTOR** **S115779982**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**32 ft.**

ENVIROSTOR:  
Name: BP WEST COAST PRODUCTS LLC  
Address: 1801 E SEPULVEDA BLVD  
City,State,Zip: CARSON, CA 907450000  
Facility ID: 80001685  
Status: Refer: RWQCB  
Status Date: 01/01/2008  
Site Code: 400348  
Site Type: Corrective Action  
Site Type Detailed: Corrective Action  
Acres: 0  
NPL: NO  
Regulatory Agencies: RWQCB 4 - Los Angeles  
Lead Agency: RWQCB 4 - Los Angeles  
Program Manager: Not reported  
Supervisor: Rizgar Ghazi  
Division Branch: Cleanup Sacramento  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.80870  
Longitude: -118.2369  
APN: 7315006003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP WEST COAST PRODUCTS LLC (Continued)**

**S115779982**

Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: ARCO PETROLEUM PRODUCTS COMPANY - WATSON  
Alias Type: Alternate Name  
Alias Name: 7315006003  
Alias Type: APN  
Alias Name: CAD077227049  
Alias Type: EPA Identification Number  
Alias Name: 110017428988  
Alias Type: EPA (FRS #)  
Alias Name: 400348  
Alias Type: Project Code (Site Code)  
Alias Name: 19290015  
Alias Type: Envirostor ID Number  
Alias Name: 80001685  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire  
Completed Date: 10/20/1997  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RCRA Facility Assessment Report  
Completed Date: 11/21/1988  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Agreement  
Completed Date: 08/20/1990  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RCRA Facility Assessment Report  
Completed Date: 11/21/1988  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Groundwater Migration Controlled  
Completed Date: 09/09/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 10/30/1997  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP WEST COAST PRODUCTS LLC (Continued)**

**S115779982**

Completed Document Type: Groundwater Migration Controlled  
Completed Date: 10/30/1997  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 05/31/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 05/01/1985  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 09/01/1987  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 11/21/1988  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Workplan  
Completed Date: 02/25/1985  
Comments: Not reported

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Remedy Construction Complete  
Future Due Date: 2020  
Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Groundwater Migration Controlled  
Future Due Date: 2020  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**S115811833**

Action Type: Financial Records Review - Post-Closure  
Action Date: 06/29/2009  
Violation Class: Class 2  
RTC Date: 12/22/2009

Action Type: Compliance Evaluation Inspection - Post-Closure  
Action Date: 02/20/2002  
Violation Class: Minor  
RTC Date: 03/06/2002

Action Type: Compliance Evaluation Inspection - Post-Closure  
Action Date: 05/11/1999  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure  
Action Date: 04/26/2010  
Violation Class: Class 2  
RTC Date: 09/07/2010

Action Type: Compliance Evaluation Inspection - Post-Closure  
Action Date: 10/19/2011  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure  
Action Date: 05/03/2012  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure  
Action Date: 10/21/2014  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure  
Action Date: 02/04/2015  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Focused Compliance Inspection - Treatment, Storage and Disposal  
Action Date: 10/21/2015  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure  
Action Date: 11/15/2017  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure  
Action Date: 09/06/2017  
Violation Class: Class 2  
RTC Date: 09/21/2017



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TESORO CARSON REFINERY (Continued)

S115811833

HWP:

Name: TESORO CARSON REFINERY  
Address: 1801 E SEPULVEDA BLVD  
City,State,Zip: CARSON, CA 907496210  
EPA Id: CAD077227049  
Cleanup Status: POST CLOSURE PERMIT  
Latitude: 33.80870  
Longitude: -118.2369  
Facility Type: Post-Closure Permitted  
Facility Size: Large Postclosure  
Team: PHILLIP BLUM  
Supervisor: MIKE ESHAGHIAN  
Site Code: 400348  
Assembly District: 64  
Senate District: 35  
Public Information Officer: Not reported  
Public Information Officer: Not reported

Activities:

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - FINAL PART A & PART B RECEIVED  
Actual Date: 07/30/2015

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - RESPONSE TO 1ST NOD RECEIVED  
Actual Date: 05/28/2013

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - RESPONSE TO 3RD NOD RECEIVED  
Actual Date: 06/17/2014

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - FINAL POST-CLOSURE PERMIT  
Actual Date: 10/15/2015

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - FINAL POST-CLOSURE PERMIT (EXPIRES)  
Actual Date: 11/15/2025

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - FINAL POST-CLOSURE PERMIT (EFFECTIVE)  
Actual Date: 11/16/2015

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**S115811833**

Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - DISCLOSURE (CLEARED)
Actual Date:	08/18/2008
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	PC Renewal PC - With Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date:	11/26/2013
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit)
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	09/25/1990
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	PC Renewal PC - With Changes - CALL-IN LETTER ISSUED
Actual Date:	12/15/2011
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	PC Renewal PC - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date:	08/12/2015
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date:	09/29/1988
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date:	09/26/1995
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date:	09/26/1995
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - CEQA DETERMINATION
Actual Date:	08/05/2013
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	PC Renewal PC - With Changes - DRAFT CEQA
Actual Date:	07/30/2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**S115811833**

EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	PC Renewal PC - With Changes - PUBLIC COMMENT (PUBLIC MEETING)
Actual Date:	08/27/2015
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Actual Date:	02/02/1983
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - MAILING LIST
Actual Date:	05/17/2013
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	PC Renewal PC - With Changes - FINAL CEQA
Actual Date:	10/15/2015
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	08/05/2013
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	PC Renewal PC - With Changes - TECHNICAL COMPLETE LETTER
Actual Date:	07/30/2015
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	11/18/1980
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)
Event Description:	PC Renewal PC - With Changes - PUBLIC COMMENT (END)
Actual Date:	09/30/2015
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	Not reported
Event Description:	*Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date:	01/26/2014
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Unit Names:	SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**S115811833**

Event Description: PC Renewal PC - With Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED  
Actual Date: 10/29/2012

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit)  
Event Description: New Operating Permit - APPLICATION PART B RECEIVED  
Actual Date: 09/23/1991

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - DRAFT POST-CLOSURE PERMIT  
Actual Date: 08/12/2015

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: New Operating Permit - APPLICATION PART B RECEIVED  
Actual Date: 05/24/1983

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - 3RD NOTICE OF DEFICIENCY ISSUED  
Actual Date: 05/12/2014

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: Not reported  
Event Description: \*Mod Class 1\* - Prior Approval Required - PUBLIC NOTICE BY PERMITTEE  
Actual Date: 05/17/2013

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - 1ST NOTICE OF DEFICIENCY ISSUED  
Actual Date: 04/04/2013

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - 2ND NOTICE OF DEFICIENCY ISSUED  
Actual Date: 10/17/2013

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - CEQA DETERMINATION  
Actual Date: 10/15/2015

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - APPLICATION PART A RECEIVED  
Actual Date: 10/01/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**S115811833**

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: Not reported  
Event Description: \*Mod Class 1\* - Prior Approval Required - FINAL PERMIT MODIFICATION  
Actual Date: 08/05/2013

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: PC Renewal PC - With Changes - APPLICATION PART B RECEIVED  
Actual Date: 10/01/2012

Closure:

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: New Post-Closure Permit - FINAL POST-CLOSURE PERMIT  
Actual Date: 12/23/2003

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: New Post-Closure Permit - FINAL POST-CLOSURE PERMIT (EXPIRES)  
Actual Date: 01/26/2014

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: Closure Final - 2ND NOTICE OF DEFICIENCY ISSUED  
Actual Date: 11/15/1995

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: Closure Final - PUBLIC COMMENT (BEGIN)  
Actual Date: 12/12/1995

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: New Post-Closure Permit - APPLICATION PART B RECEIVED  
Actual Date: 05/26/1998

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION  
Actual Date: 12/04/1997

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: Closure Final - RESPONSE TO 1ST NOD RECEIVED  
Actual Date: 11/06/1995

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**S115811833**

Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: New Post-Closure Permit - PUBLIC COMMENT (BEGIN)  
Actual Date: 05/20/2003

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: New Post-Closure Permit - FINAL PART A & PART B RECEIVED  
Actual Date: 03/28/2002

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: New Post-Closure Permit - FINAL POST-CLOSURE PERMIT (EFFECTIVE)  
Actual Date: 01/26/2004

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: Closure Final - 1ST NOTICE OF DEFICIENCY ISSUED  
Actual Date: 09/26/1995

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: Closure Final - CLOSURE PLAN APPROVED  
Actual Date: 03/04/1996

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: New Post-Closure Permit - DRAFT POST-CLOSURE PERMIT  
Actual Date: 05/20/2003

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: Closure Final - RESPONSE TO 2ND NOD RECEIVED  
Actual Date: 12/01/1995

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: New Post-Closure Permit - PUBLIC COMMENT (END)  
Actual Date: 07/04/2003

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Unit Names: SURFSTR1-East Basin (GPRA Unit), WASTPILE1-West Basin (GPRA Unit)  
Event Description: Closure Final - PUBLIC COMMENT (END)  
Actual Date: 12/12/1995

Alias:

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Alias Type: FRS  
Alias: 110017428988

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**S115811833**

EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	Envirostor ID Number
Alias:	19290015
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	Project Code (Site Code)
Alias:	400348
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	APN
Alias:	7315001025
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	APN
Alias:	7315001026
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	APN
Alias:	7315001027
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	APN
Alias:	7315001028
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	APN
Alias:	7315006003
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	APN
Alias:	7315007005
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	APN
Alias:	7315007006
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	APN
Alias:	7315007007
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted
Alias Type:	APN
Alias:	7315007009
EPA Id:	CAD077227049
Facility Type:	Post-Closure Permitted

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**S115811833**

Alias Type: APN  
Alias: 7315008046

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Alias Type: APN  
Alias: 7315008047

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Alias Type: APN  
Alias: 7315008053

EPA Id: CAD077227049  
Facility Type: Post-Closure Permitted  
Alias Type: Alternate Name  
Alias: ARCO PETROLEUM PRODUCTS COMPANY - WATSON

Maintenance:

EPA Id: CAD077227049  
Title: 2010 RCRA Groundwater Quality Assessment Report  
Document Type: Monitoring Report - Groundwater  
Received Date: 05/12/2011

EPA Id: CAD077227049  
Title: 2011 RCRA Groundwater Quality Assessment Report East and West Retention Basins  
Document Type: Monitoring Report - Groundwater  
Received Date: 05/01/2012

EPA Id: CAD077227049  
Title: 2012 RCRA Groundwater Quality Assessment Report  
Document Type: Monitoring Report - Groundwater  
Received Date: 05/15/2013

EPA Id: CAD077227049  
Title: RCRA Groundwater Quality Assessment Report  
Document Type: Monitoring Report - Groundwater  
Received Date: 04/23/2014

EPA Id: CAD077227049  
Title: RCRA Groundwater Quality Assessment Report  
Document Type: Monitoring Report - Groundwater  
Received Date: 04/20/2015

EPA Id: CAD077227049  
Title: RCRA Groundwater Quality Assessment Report  
Document Type: Monitoring Report - Groundwater  
Received Date: 06/20/2016

EPA Id: CAD077227049  
Title: RCRA Groundwater Quality Assessment Report  
Document Type: Monitoring Report - Groundwater  
Received Date: 06/05/2017

EPA Id: CAD077227049  
Title: RCRA Groundwater Quality Assessment Report  
Document Type: Monitoring Report - Groundwater



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**S115811833**

Received Date: 02/13/2019

EPA Id: CAD077227049  
 Title: Draft LUC for the East and West Retention Basins  
 Document Type: Deed Restriction / LUC Monitoring Report  
 Received Date: 11/09/2016

EPA Id: CAD077227049  
 Title: Refinery Subsurface Cleanup Progress Report January through June 2015  
 Document Type: Monitoring Report - Groundwater  
 Received Date: 12/08/2015

EPA Id: CAD077227049  
 Title: 2015 Annual Refinery Subsurface Cleanup Progress Report.  
 Document Type: Monitoring Report - Groundwater  
 Received Date: 07/13/2016

EPA Id: CAD077227049  
 Title: Request for Repair and Maintenance East Retention Basin  
 Document Type: Respond to Facility Inquiries  
 Received Date: 06/14/2011

EPA Id: CAD077227049  
 Title: Merger of Tesoro Refining and Marketing Company with marathon Petroleum Corporation  
 Document Type: Respond to Facility Inquiries  
 Received Date: 08/23/2018

**AD157**  
**SSW**  
**1/2-1**  
**0.973 mi.**  
**5138 ft.**

**TESORO CARSON REFINERY**  
**1801 SEPULVEDA BLVD**  
**CARSON, CA 90749**  
**Site 4 of 4 in cluster AD**

**SEMS-ARCHIVE 1015732785**  
**CORRACTS CAD077227049**  
**RCRA-TSDF**  
**RCRA-LQG**  
**US FIN ASSUR**  
**2020 COR ACTION**

**Relative:**  
**Higher**  
**Actual:**  
**32 ft.**

SEMS Archive:  
 Site ID: 0901601  
 EPA ID: CAD077227049  
 Cong District: 32  
 FIPS Code: 06037  
 FF: N  
 NPL: Not on the NPL  
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**SEMS Archive Detail:**

Region: 09  
 Site ID: 0901601  
 EPA ID: CAD077227049  
 Site Name: ARCO PETROL PROD CO WATSON REF  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: SI  
 Action Name: SI  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 1987-09-01 04:00:00  
 Qual: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901601
EPA ID:	CAD077227049
Site Name:	ARCO PETROL PROD CO WATSON REF
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-11-21 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	09
Site ID:	0901601
EPA ID:	CAD077227049
Site Name:	ARCO PETROL PROD CO WATSON REF
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1985-05-01 05:00:00
Qual:	L
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901601
EPA ID:	CAD077227049
Site Name:	ARCO PETROL PROD CO WATSON REF
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1979-12-01 05:00:00
Finish Date:	1979-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901601
EPA ID:	CAD077227049
Site Name:	ARCO PETROL PROD CO WATSON REF
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Start Date: Not reported  
Finish Date: 1988-11-21 05:00:00  
Qual: N  
Current Action Lead: EPA Perf

**CORRACTS:**

EPA ID: CAD077227049  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20080909  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 324110  
Petroleum Refineries  
Original schedule date: 20080909  
Schedule end date: Not reported

EPA ID: CAD077227049  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20070531  
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified  
NAICS Code(s): 324110  
Petroleum Refineries  
Original schedule date: 20070531  
Schedule end date: Not reported

EPA ID: CAD077227049  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19971030  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 324110  
Petroleum Refineries  
Original schedule date: 19971030  
Schedule end date: Not reported

EPA ID: CAD077227049  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19971030  
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
NAICS Code(s): 324110  
Petroleum Refineries  
Original schedule date: 19971030  
Schedule end date: Not reported

**RCRA-TSDF:**

Date form received by agency: 02/27/2018  
Facility name: TESORO CARSON REFINERY  
Facility address: 1801 SEPULVEDA BLVD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

EPA ID: CARSON, CA 90749-6210  
CAD077227049  
Mailing address: E 223RD ST  
CARSON, CA 90810  
Contact: ROBERT J RIORDAN  
Contact address: E 223RD ST  
CARSON, CA 90810  
Contact country: US  
Contact telephone: 310-847-5762  
Telephone ext.: 5762  
Contact email: ROBERT.J.RIORDAN@ANDEAVOR.COM  
EPA Region: 09  
Land type: Private  
Classification: TSD  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: TESORO REFINING AND MARKETING CO LLC  
Owner/operator address: 19100 RIDGEWOOD PKWY  
SAN ANTONIO, TX 78259  
Owner/operator country: US  
Owner/operator telephone: 210-626-6000  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 06/01/2013  
Owner/Op end date: Not reported

Owner/operator name: TESORO REFINING AND MARKETING CO LLC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 06/01/2013  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Owner/operator name: TESORO  
Owner/operator address: E 223RD ST  
CARSON, CA 90810  
Owner/operator country: US  
Owner/operator telephone: 310-847-5762  
Owner/operator email: ROBERT.J.RIODAN@ANDEAVOR.COM  
Owner/operator fax: Not reported  
Owner/operator extension: 5762  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 06/01/2013  
Owner/Op end date: Not reported

Owner/operator name: TESORO REFININF & MARKETING COMPANY LLC  
Owner/operator address: E 223RD ST  
CARSON, CA 90810  
Owner/operator country: US  
Owner/operator telephone: 310-847-5762  
Owner/operator email: ROBERT.J.RIODAN@ANDEAVOR.COM  
Owner/operator fax: Not reported  
Owner/operator extension: 5762  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 06/01/2013  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Universal Waste Summary:

Waste type: Lamps  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: Batteries  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: Thermostats  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Waste type: Thermostats  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: Batteries  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: E  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: Lamps  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 02/18/2016  
Site name: TESORO LOS ANGELES REFINERY - CARSON OPERATIONS  
Classification: Large Quantity Generator

Date form received by agency: 03/01/2014  
Site name: TESORO LOS ANGELES REFINERY - CARSON OPERATIONS  
Classification: Large Quantity Generator

Date form received by agency: 07/24/2013  
Site name: TESORO LOS ANGELES REFINERY CARSON OPERATIONS  
Classification: Large Quantity Generator

Date form received by agency: 06/05/2013  
Site name: CARSON REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 01/08/2013  
Site name: TESORO REFINING AND MARKETING CO LLC  
Classification: Large Quantity Generator

Date form received by agency: 03/05/2012  
Site name: BP WEST COAST PRODUCTS, LLC, CARSON REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 06/10/2010  
Site name: BP WEST COAST PRODUCTS LL., CARSON REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 02/27/2008  
Site name: BP WEST COAST PRODUCTS LLC, BP CARSON REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006  
Site name: BP WEST COAST PRODUCTS - CARSON REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 02/25/2004  
Site name: BP WEST COAST PRODUCTS-CARSON REFINERY  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Date form received by agency: 02/15/2002  
Site name: BP WEST COAST PRODUCTS LLC CARSON REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 12/06/2001  
Site name: B P WEST COAST PRODUCTS L L C  
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000  
Site name: ARCO LOS ANGELES REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999  
Site name: ARCO PRODUCTS COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: B P WEST COAST PRODUCTS L L C  
Classification: Large Quantity Generator

Date form received by agency: 03/26/1996  
Site name: ARCO PRODUCTS COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 03/29/1994  
Site name: ARCO PRODUCTS COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 03/31/1992  
Site name: ARCO PRODUCTS COMPANY LOS ANGELES REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 05/01/1990  
Site name: ARCO PETROLEUM PRODUCTS CO  
Classification: Large Quantity Generator

Date form received by agency: 08/15/1980  
Site name: B P WEST COAST PRODUCTS L L C  
Classification: Large Quantity Generator

Date form received by agency: 08/15/1980  
Site name: B P WEST COAST PRODUCTS L L C  
Classification: Large Quantity Generator

**Hazardous Waste Summary:**

- . Waste code: 121
- . Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
  
- . Waste code: 122
- . Waste name: Alkaline solution without metals (pH > 12.5)
  
- . Waste code: 131
- . Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

perchlorate, and sulfide anions)

- . Waste code: 133
- . Waste name: Aqueous solution with 10% or more total organic residues
  
- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues
  
- . Waste code: 135
- . Waste name: Unspecified aqueous solution
  
- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics
  
- . Waste code: 151
- . Waste name: Asbestos-containing waste
  
- . Waste code: 161
- . Waste name: Fluid-cracking catalyst (FCC) waste
  
- . Waste code: 162
- . Waste name: Other spent catalyst
  
- . Waste code: 181
- . Waste name: Other inorganic solid waste
  
- . Waste code: 211
- . Waste name: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
  
- . Waste code: 213
- . Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
  
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
  
- . Waste code: 221
- . Waste name: Waste oil and mixed oil
  
- . Waste code: 222
- . Waste name: Oil/water separation sludge
  
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
  
- . Waste code: 241
- . Waste name: Tank bottom waste
  
- . Waste code: 261
- . Waste name: Polychlorinated biphenyls and material containing PCB's
  
- . Waste code: 272
- . Waste name: Polymeric resin waste
  
- . Waste code: 281
- . Waste name: Adhesives



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

- . Waste code: 311
- . Waste name: Pharmaceutical waste
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
  
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
  
- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 461
- . Waste name: Degreasing sludge
  
- . Waste code: 491
- . Waste name: Unspecified sludge waste
  
- . Waste code: 512
- . Waste name: Other empty containers 30 gallons or more
  
- . Waste code: 513
- . Waste name: Empty containers less than 30 gallons
  
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
  
- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups
  
- . Waste code: 721
- . Waste name: Liquids with arsenic > 500 mg/l
  
- . Waste code: 724
- . Waste name: Liquids with lead > 500 mg/l
  
- . Waste code: 725
- . Waste name: Liquids with mercury > 20 mg/l
  
- . Waste code: 741
- . Waste name: Liquids with halogenated organic compounds > 1000 mg/l
  
- . Waste code: 791
- . Waste name: Liquids with pH < 2
  
- . Waste code: D000
- . Waste name: Not Defined
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

- . Waste code: D005
- . Waste name: BARIUM
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D010
- . Waste name: SELENIUM
  
- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D018
- . Waste name: BENZENE
  
- . Waste code: D019
- . Waste name: CARBON TETRACHLORIDE
  
- . Waste code: D026
- . Waste name: CRESOL
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE
  
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F037
- . Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.
  
- . Waste code: F038
- . Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.
  
- . Waste code: F039
- . Waste name: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027,  
AND/OR F028.)

- . Waste code: K048
- . Waste name: DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.
  
- . Waste code: K049
- . Waste name: SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.
  
- . Waste code: K050
- . Waste name: HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.
  
- . Waste code: K051
- . Waste name: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.
  
- . Waste code: K169
- . Waste name: CRUDE OIL STORAGE TANK SEDIMENT FROM PETROLEUM REFINING OPERATIONS
  
- . Waste code: K170
- . Waste name: CLARIFIED SLURRY OIL TANK SEDIMENT AND/OR IN-LINE FILTER/SEPARATION SOLIDS FROM PETROLEUM REFINING OPERATIONS
  
- . Waste code: K171
- . Waste name: SPENT HYDROTREATING CATALYST FROM PETROLEUM REFINING OPERATIONS, INCLUDING GUARD BEDS USED TO DESULFURIZE FEEDS TO OTHER CATALYTIC REACTORS (THIS LISTING DOES NOT INCLUDE INERT SUPPORT MEDIA)
  
- . Waste code: P030
- . Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
  
- . Waste code: P042
- . Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
  
- . Waste code: P081
- . Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
  
- . Waste code: P110
- . Waste name: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD
  
- . Waste code: U080
- . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
  
- . Waste code: U153
- . Waste name: METHANETHIOL (I,T) (OR) THIOMETHANOL (I,T)
  
- . Waste code: U160
- . Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)
  
- . Waste code: U162
- . Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
  
- . Waste code: U210
- . Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

. Waste code: U220  
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

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

Amount (Lbs): 37587

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

Amount (Lbs): 2912

Waste code: D003  
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 2925

Waste code: D007  
Waste name: CHROMIUM  
Amount (Lbs): 1166078

Waste code: D008  
Waste name: LEAD  
Amount (Lbs): 29760

Waste code: D018  
Waste name: BENZENE  
Amount (Lbs): 1212961

Waste code: D019  
Waste name: CARBON TETRACHLORIDE  
Amount (Lbs): 2912

Waste code: D039  
Waste name: TETRACHLOROETHYLENE  
Amount (Lbs): 2912

Waste code: F001  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TESORO CARSON REFINERY (Continued)

1015732785

TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 4029

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 12539

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 13499

Waste code: F037

Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN: OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORMWATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGE GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND K051 WASTES ARE NOT INCLUDED IN THIS LISTING.

Amount (Lbs): 524020

Waste code: F038

Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN: INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES AND FLOATS GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES AND FLOATS GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND F037, K048, AND K051 WASTES ARE NOT INCLUDED IN THIS LISTING.

Amount (Lbs): 524020

Waste code: K050  
Waste name: HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY

Amount (Lbs): 524020

Waste code: K171  
Waste name: Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (excludes inert support media)

Amount (Lbs): 1164738

Waste code: P030  
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED  
Amount (Lbs): 13

Waste code: U080  
Waste name: METHANE, DICHLORO-  
Amount (Lbs): 2912

Waste code: U160  
Waste name: 2-BUTANONE, PEROXIDE (R,T)  
Amount (Lbs): 2912

**Corrective Action Summary:**

Event date: 02/25/1985  
Event: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION & TREATMENT

Event date: 05/01/1985  
Event: PA OR CERCLA INSPECTION

Event date: 09/01/1987  
Event: PA OR CERCLA INSPECTION

Event date: 11/21/1988  
Event: PA OR CERCLA INSPECTION

Event date: 11/21/1988  
Event: RFA COMPLETED

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

Event date: 08/20/1990  
Event: INVESTIGATION IMPOSITION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Event date:	08/20/1990
Event:	CMS IMPOSITION
Event date:	10/20/1997
Event:	STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
Event date:	10/30/1997
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	10/30/1997
Event:	CA PRIORITIZATION-MEDIUM CA PRIORITY
Event date:	10/30/1997
Event:	REFERRED TO A NON-RCRA AUTHORITY
Event date:	10/30/1997
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	10/30/1997
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	10/30/1997
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	05/31/2007
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	05/31/2007
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	09/09/2008
Event:	RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	09/09/2008
Event:	RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	09/06/2017
Date achieved compliance:	09/21/2017
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	09/08/2017
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Area of violation: Generators - Pre-transport  
Date violation determined: 06/23/2016  
Date achieved compliance: 08/08/2016  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 06/23/2016  
Date achieved compliance: 08/08/2016  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 04/26/2010  
Date achieved compliance: 09/07/2010  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/03/2010  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 06/29/2009  
Date achieved compliance: 12/22/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/20/2009  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Date violation determined: 07/01/2008  
Date achieved compliance: Not reported  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 06/05/2006  
Date achieved compliance: 03/07/2007  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/2006  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Manifest  
Date violation determined: 05/11/2006  
Date achieved compliance: 05/12/2006  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/19/2006  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 11/13/2003  
Date achieved compliance: 02/23/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 11/13/2003  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 03/04/2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Date achieved compliance: 02/23/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/04/2003  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 02/20/2002  
Date achieved compliance: 03/06/2002  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/22/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 263  
Area of violation: Transporters - General  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 09/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 137500  
Final penalty amount: 62000  
Paid penalty amount: 62000

Regulation violated: FR - 263  
Area of violation: Transporters - General  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 09/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 137500  
Final penalty amount: 62000  
Paid penalty amount: 62000

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 09/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 137500  
Final penalty amount: 62000  
Paid penalty amount: 62000

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 05/04/1988  
Date achieved compliance: 06/21/1991  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 263  
Area of violation: Transporters - General  
Date violation determined: 05/04/1988  
Date achieved compliance: 06/21/1991  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 05/04/1988  
Date achieved compliance: 06/21/1991  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 05/04/1988  
Date achieved compliance: 06/21/1991  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 263  
Area of violation: Transporters - General  
Date violation determined: 08/11/1987  
Date achieved compliance: 09/02/1987  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Enforcement action date: 08/20/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 08/11/1987  
Date achieved compliance: 09/02/1987  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/20/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 03/14/1986  
Date achieved compliance: 08/05/1986  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/05/1986  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 01/29/1986  
Date achieved compliance: 03/14/1986  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 09/25/1985  
Date achieved compliance: 12/27/1985  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 08/07/1985  
Date achieved compliance: 09/13/1985  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/07/1985  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 04/18/1984  
Date achieved compliance: 06/21/1991  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 11/15/2017  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/06/2017  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/21/2017  
Evaluation lead agency: State

Evaluation date: 06/23/2016  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 08/08/2016  
Evaluation lead agency: State

Evaluation date: 06/23/2016  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Date achieved compliance: 08/08/2016  
Evaluation lead agency: State

Evaluation date: 10/21/2015  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/04/2015  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/21/2014  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/03/2012  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/19/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/26/2010  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 09/07/2010  
Evaluation lead agency: State

Evaluation date: 06/29/2009  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 12/22/2009  
Evaluation lead agency: State

Evaluation date: 05/26/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/26/2009  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Evaluation date: 04/14/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/01/2008  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Generators - General  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/05/2006  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 03/07/2007  
Evaluation lead agency: State

Evaluation date: 05/11/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Manifest  
Date achieved compliance: 05/12/2006  
Evaluation lead agency: State

Evaluation date: 04/02/2004  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/13/2003  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 02/23/2004  
Evaluation lead agency: State

Evaluation date: 03/04/2003  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 02/23/2004  
Evaluation lead agency: State

Evaluation date: 10/22/2002  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/20/2002  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 03/06/2002  
Evaluation lead agency: State

Evaluation date: 01/24/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/23/2000  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/11/1999  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/23/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/23/1995  
Evaluation: GROUNDWATER MONITORING EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/12/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/27/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 12/20/1993  
Evaluation lead agency: State

Evaluation date: 03/27/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 12/20/1993  
Evaluation lead agency: State

Evaluation date: 03/27/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Transporters - General  
Date achieved compliance: 12/20/1993  
Evaluation lead agency: State

Evaluation date: 05/25/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Evaluation date: 05/04/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Transporters - General  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

Evaluation date: 05/04/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

Evaluation date: 05/04/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

Evaluation date: 05/04/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

Evaluation date: 09/30/1987  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/11/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/02/1987  
Evaluation lead agency: State

Evaluation date: 08/11/1987  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/11/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Transporters - General  
Date achieved compliance: 09/02/1987  
Evaluation lead agency: State

Evaluation date: 10/10/1986  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/05/1986  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/23/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/17/1986  
Evaluation: GROUNDWATER MONITORING EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/14/1986  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 08/05/1986  
Evaluation lead agency: State

Evaluation date: 01/29/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 03/14/1986  
Evaluation lead agency: EPA

Evaluation date: 12/27/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/25/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 12/27/1985  
Evaluation lead agency: EPA

Evaluation date: 08/07/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 09/13/1985  
Evaluation lead agency: State

Evaluation date: 06/04/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/11/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Evaluation date: 04/18/1984  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

**RCRA-LQG:**

Date form received by agency: 02/27/2018  
Facility name: TESORO CARSON REFINERY  
Facility address: 1801 SEPULVEDA BLVD  
CARSON, CA 90749-6210  
EPA ID: CAD077227049  
Mailing address: E 223RD ST  
CARSON, CA 90810  
Contact: ROBERT J RIORDAN  
Contact address: E 223RD ST  
CARSON, CA 90810  
Contact country: US  
Contact telephone: 310-847-5762  
Telephone ext.: 5762  
Contact email: ROBERT.J.RIORDAN@ANDEAVOR.COM  
EPA Region: 09  
Land type: Private  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: TESORO REFINING AND MARKETING CO LLC  
Owner/operator address: 19100 RIDGEWOOD PKWY  
SAN ANTONIO, TX 78259  
Owner/operator country: US  
Owner/operator telephone: 210-626-6000  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 06/01/2013  
Owner/Op end date: Not reported  
Owner/operator name: TESORO REFINING AND MARKETING CO LLC  
Owner/operator address: Not reported  
Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 06/01/2013  
Owner/Op end date: Not reported

Owner/operator name: TESORO  
Owner/operator address: E 223RD ST  
CARSON, CA 90810

Owner/operator country: US  
Owner/operator telephone: 310-847-5762  
Owner/operator email: ROBERT.J.RIODAN@ANDEAVOR.COM  
Owner/operator fax: Not reported  
Owner/operator extension: 5762  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 06/01/2013  
Owner/Op end date: Not reported

Owner/operator name: TESORO REFININF & MARKETING COMPANY LLC  
Owner/operator address: E 223RD ST  
CARSON, CA 90810

Owner/operator country: US  
Owner/operator telephone: 310-847-5762  
Owner/operator email: ROBERT.J.RIODAN@ANDEAVOR.COM  
Owner/operator fax: Not reported  
Owner/operator extension: 5762  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 06/01/2013  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

**Universal Waste Summary:**

Waste type: Lamps  
Accumulated waste on-site: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Generated waste on-site: Not reported

Waste type: Batteries  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: Thermostats  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: Thermostats  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: Batteries  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: E  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Waste type: Lamps  
Accumulated waste on-site: Yes  
Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 02/18/2016  
Site name: TESORO LOS ANGELES REFINERY - CARSON OPERATIONS  
Classification: Large Quantity Generator

Date form received by agency: 03/01/2014  
Site name: TESORO LOS ANGELES REFINERY - CARSON OPERATIONS  
Classification: Large Quantity Generator

Date form received by agency: 07/24/2013  
Site name: TESORO LOS ANGELES REFINERY CARSON OPERATIONS  
Classification: Large Quantity Generator

Date form received by agency: 06/05/2013  
Site name: CARSON REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 01/08/2013  
Site name: TESORO REFINING AND MARKETING CO LLC  
Classification: Large Quantity Generator

Date form received by agency: 03/05/2012  
Site name: BP WEST COAST PRODUCTS, LLC, CARSON REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 06/10/2010  
Site name: BP WEST COAST PRODUCTS LL., CARSON REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 02/27/2008  
Site name: BP WEST COAST PRODUCTS LLC, BP CARSON REFINERY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Classification: Large Quantity Generator

Date form received by agency: 02/27/2006

Site name: BP WEST COAST PRODUCTS - CARSON REFINERY

Classification: Large Quantity Generator

Date form received by agency: 02/25/2004

Site name: BP WEST COAST PRODUCTS-CARSON REFINERY

Classification: Large Quantity Generator

Date form received by agency: 02/15/2002

Site name: BP WEST COAST PRODUCTS LLC CARSON REFINERY

Classification: Large Quantity Generator

Date form received by agency: 12/06/2001

Site name: B P WEST COAST PRODUCTS L L C

Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Site name: ARCO LOS ANGELES REFINERY

Classification: Large Quantity Generator

Date form received by agency: 03/04/1999

Site name: ARCO PRODUCTS COMPANY

Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Site name: B P WEST COAST PRODUCTS L L C

Classification: Large Quantity Generator

Date form received by agency: 03/26/1996

Site name: ARCO PRODUCTS COMPANY

Classification: Large Quantity Generator

Date form received by agency: 03/29/1994

Site name: ARCO PRODUCTS COMPANY

Classification: Large Quantity Generator

Date form received by agency: 03/31/1992

Site name: ARCO PRODUCTS COMPANY LOS ANGELES REFINERY

Classification: Large Quantity Generator

Date form received by agency: 05/01/1990

Site name: ARCO PETROLEUM PRODUCTS CO

Classification: Large Quantity Generator

Date form received by agency: 08/15/1980

Site name: B P WEST COAST PRODUCTS L L C

Classification: Large Quantity Generator

Date form received by agency: 08/15/1980

Site name: B P WEST COAST PRODUCTS L L C

Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 121



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

- . Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
- . Waste code: 122
- . Waste name: Alkaline solution without metals (pH > 12.5)
- . Waste code: 131
- . Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)
- . Waste code: 133
- . Waste name: Aqueous solution with 10% or more total organic residues
- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues
- . Waste code: 135
- . Waste name: Unspecified aqueous solution
- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics
- . Waste code: 151
- . Waste name: Asbestos-containing waste
- . Waste code: 161
- . Waste name: Fluid-cracking catalyst (FCC) waste
- . Waste code: 162
- . Waste name: Other spent catalyst
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 211
- . Waste name: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
- . Waste code: 213
- . Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
- . Waste code: 221
- . Waste name: Waste oil and mixed oil
- . Waste code: 222
- . Waste name: Oil/water separation sludge
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
- . Waste code: 241
- . Waste name: Tank bottom waste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

- . Waste code: 261
- . Waste name: Polychlorinated biphenyls and material containing PCB's
  
- . Waste code: 272
- . Waste name: Polymeric resin waste
  
- . Waste code: 281
- . Waste name: Adhesives
  
- . Waste code: 311
- . Waste name: Pharmaceutical waste
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
  
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
  
- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 461
- . Waste name: Degreasing sludge
  
- . Waste code: 491
- . Waste name: Unspecified sludge waste
  
- . Waste code: 512
- . Waste name: Other empty containers 30 gallons or more
  
- . Waste code: 513
- . Waste name: Empty containers less than 30 gallons
  
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
  
- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups
  
- . Waste code: 721
- . Waste name: Liquids with arsenic > 500 mg/l
  
- . Waste code: 724
- . Waste name: Liquids with lead > 500 mg/l
  
- . Waste code: 725
- . Waste name: Liquids with mercury > 20 mg/l
  
- . Waste code: 741
- . Waste name: Liquids with halogenated organic compounds > 1000 mg/l
  
- . Waste code: 791
- . Waste name: Liquids with pH < 2
  
- . Waste code: D000
- . Waste name: Not Defined

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D005
- . Waste name: BARIUM
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D010
- . Waste name: SELENIUM
  
- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D018
- . Waste name: BENZENE
  
- . Waste code: D019
- . Waste name: CARBON TETRACHLORIDE
  
- . Waste code: D026
- . Waste name: CRESOL
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE
  
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TESORO CARSON REFINERY (Continued)

1015732785

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F037  
. Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

. Waste code: F038  
. Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TESORO CARSON REFINERY (Continued)

1015732785

UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

- . Waste code: F039
- . Waste name: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)
  
- . Waste code: K048
- . Waste name: DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.
  
- . Waste code: K049
- . Waste name: SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.
  
- . Waste code: K050
- . Waste name: HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.
  
- . Waste code: K051
- . Waste name: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.
  
- . Waste code: K169
- . Waste name: CRUDE OIL STORAGE TANK SEDIMENT FROM PETROLEUM REFINING OPERATIONS
  
- . Waste code: K170
- . Waste name: CLARIFIED SLURRY OIL TANK SEDIMENT AND/OR IN-LINE FILTER/SEPARATION SOLIDS FROM PETROLEUM REFINING OPERATIONS
  
- . Waste code: K171
- . Waste name: SPENT HYDROTREATING CATALYST FROM PETROLEUM REFINING OPERATIONS, INCLUDING GUARD BEDS USED TO DESULFURIZE FEEDS TO OTHER CATALYTIC REACTORS (THIS LISTING DOES NOT INCLUDE INERT SUPPORT MEDIA)
  
- . Waste code: P030
- . Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
  
- . Waste code: P042
- . Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
  
- . Waste code: P081
- . Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
  
- . Waste code: P110
- . Waste name: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD
  
- . Waste code: U080
- . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
  
- . Waste code: U153
- . Waste name: METHANETHIOL (I,T) (OR) THIOMETHANOL (I,T)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

- . Waste code: U160
- . Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)
  
- . Waste code: U162
- . Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
  
- . Waste code: U210
- . Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
  
- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

- Waste code: D001
- Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- Amount (Lbs): 37587
  
- Waste code: D002
- Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- Amount (Lbs): 2912
  
- Waste code: D003
- Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
- Amount (Lbs): 2925
  
- Waste code: D007
- Waste name: CHROMIUM
- Amount (Lbs): 1166078
  
- Waste code: D008
- Waste name: LEAD
- Amount (Lbs): 29760
  
- Waste code: D018
- Waste name: BENZENE
- Amount (Lbs): 1212961

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Waste code: D019  
Waste name: CARBON TETRACHLORIDE  
Amount (Lbs): 2912

Waste code: D039  
Waste name: TETRACHLOROETHYLENE  
Amount (Lbs): 2912

Waste code: F001  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.  
Amount (Lbs): 4029

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.  
Amount (Lbs): 12539

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.  
Amount (Lbs): 13499

Waste code: F037  
Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN: OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORMWATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGE GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND K051 WASTES ARE NOT INCLUDED IN THIS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Amount (Lbs): LISTING.  
524020

Waste code: F038  
Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN: INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES AND FLOATS GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES AND FLOATS GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND F037, K048, AND K051 WASTES ARE NOT INCLUDED IN THIS LISTING.

Amount (Lbs): 524020

Waste code: K050  
Waste name: HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY

Amount (Lbs): 524020

Waste code: K171  
Waste name: Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (excludes inert support media)

Amount (Lbs): 1164738

Waste code: P030  
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED  
Amount (Lbs): 13

Waste code: U080  
Waste name: METHANE, DICHLORO-  
Amount (Lbs): 2912

Waste code: U160  
Waste name: 2-BUTANONE, PEROXIDE (R,T)  
Amount (Lbs): 2912

**Corrective Action Summary:**

Event date: 02/25/1985  
Event: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION & TREATMENT

Event date: 05/01/1985  
Event: PA OR CERCLA INSPECTION

Event date: 09/01/1987  
Event: PA OR CERCLA INSPECTION

Event date: 11/21/1988



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Event:	PA OR CERCLA INSPECTION
Event date:	11/21/1988
Event:	RFA COMPLETED
Event date:	01/01/1990
Event:	LEAD AGENCY DETERMINATION
Event date:	08/20/1990
Event:	INVESTIGATION IMPOSITION
Event date:	08/20/1990
Event:	CMS IMPOSITION
Event date:	10/20/1997
Event:	STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
Event date:	10/30/1997
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	10/30/1997
Event:	CA PRIORITIZATION-MEDIUM CA PRIORITY
Event date:	10/30/1997
Event:	REFERRED TO A NON-RCRA AUTHORITY
Event date:	10/30/1997
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	10/30/1997
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	10/30/1997
Event:	RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Event date:	05/31/2007
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	05/31/2007
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	09/09/2008
Event:	RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Event date:	09/09/2008
Event:	RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	09/06/2017
Date achieved compliance:	09/21/2017

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/08/2017  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 06/23/2016  
Date achieved compliance: 08/08/2016  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 06/23/2016  
Date achieved compliance: 08/08/2016  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 04/26/2010  
Date achieved compliance: 09/07/2010  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/03/2010  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 06/29/2009  
Date achieved compliance: 12/22/2009  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/20/2009  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 07/01/2008  
Date achieved compliance: Not reported  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 06/05/2006  
Date achieved compliance: 03/07/2007  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/2006  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Manifest  
Date violation determined: 05/11/2006  
Date achieved compliance: 05/12/2006  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/19/2006  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 11/13/2003  
Date achieved compliance: 02/23/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Enforcement action date: 11/13/2003  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 03/04/2003  
Date achieved compliance: 02/23/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/04/2003  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 02/20/2002  
Date achieved compliance: 03/06/2002  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/22/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 263  
Area of violation: Transporters - General  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/10/1991

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 09/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 137500  
Final penalty amount: 62000  
Paid penalty amount: 62000

Regulation violated: FR - 263  
Area of violation: Transporters - General  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 09/10/1991  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 137500  
Final penalty amount: 62000  
Paid penalty amount: 62000

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 03/27/1991  
Date achieved compliance: 12/20/1993  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 09/10/1991  
Enf. disposition status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 137500  
Final penalty amount: 62000  
Paid penalty amount: 62000

Regulation violated: FR - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 05/04/1988  
Date achieved compliance: 06/21/1991  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 263  
Area of violation: Transporters - General  
Date violation determined: 05/04/1988  
Date achieved compliance: 06/21/1991  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 05/04/1988  
Date achieved compliance: 06/21/1991  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 05/04/1988  
Date achieved compliance: 06/21/1991  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/06/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 263  
Area of violation: Transporters - General  
Date violation determined: 08/11/1987  
Date achieved compliance: 09/02/1987  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/20/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 08/11/1987  
Date achieved compliance: 09/02/1987  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/20/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 03/14/1986  
Date achieved compliance: 08/05/1986  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/05/1986  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 01/29/1986  
Date achieved compliance: 03/14/1986  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

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

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 09/25/1985  
Date achieved compliance: 12/27/1985  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 08/07/1985  
Date achieved compliance: 09/13/1985  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/07/1985  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 04/18/1984  
Date achieved compliance: 06/21/1991  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

**Evaluation Action Summary:**

Evaluation date: 11/15/2017  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/06/2017  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/21/2017



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Evaluation lead agency: State

Evaluation date: 06/23/2016  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 08/08/2016  
Evaluation lead agency: State

Evaluation date: 06/23/2016  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 08/08/2016  
Evaluation lead agency: State

Evaluation date: 10/21/2015  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/04/2015  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/21/2014  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/03/2012  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/19/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/26/2010  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 09/07/2010  
Evaluation lead agency: State

Evaluation date: 06/29/2009  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 12/22/2009  
Evaluation lead agency: State

Evaluation date: 05/26/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/26/2009  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/14/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/01/2008  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Generators - General  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/05/2006  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 03/07/2007  
Evaluation lead agency: State

Evaluation date: 05/11/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Manifest  
Date achieved compliance: 05/12/2006  
Evaluation lead agency: State

Evaluation date: 04/02/2004  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/13/2003  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 02/23/2004  
Evaluation lead agency: State

Evaluation date: 03/04/2003  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 02/23/2004  
Evaluation lead agency: State

Evaluation date: 10/22/2002  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Evaluation lead agency: State

Evaluation date: 02/20/2002  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 03/06/2002  
Evaluation lead agency: State

Evaluation date: 01/24/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/23/2000  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/11/1999  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/23/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/23/1995  
Evaluation: GROUNDWATER MONITORING EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/12/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/27/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 12/20/1993  
Evaluation lead agency: State

Evaluation date: 03/27/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 12/20/1993  
Evaluation lead agency: State

Evaluation date: 03/27/1991

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Transporters - General  
Date achieved compliance: 12/20/1993  
Evaluation lead agency: State

Evaluation date: 05/25/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/04/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Transporters - General  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

Evaluation date: 05/04/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

Evaluation date: 05/04/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

Evaluation date: 05/04/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

Evaluation date: 09/30/1987  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/11/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/02/1987  
Evaluation lead agency: State

Evaluation date: 08/11/1987  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/11/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Transporters - General  
Date achieved compliance: 09/02/1987

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Evaluation lead agency: State

Evaluation date: 10/10/1986  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/05/1986  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/23/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/17/1986  
Evaluation: GROUNDWATER MONITORING EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/14/1986  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 08/05/1986  
Evaluation lead agency: State

Evaluation date: 01/29/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 03/14/1986  
Evaluation lead agency: EPA

Evaluation date: 12/27/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/25/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 12/27/1985  
Evaluation lead agency: EPA

Evaluation date: 08/07/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 09/13/1985  
Evaluation lead agency: State

Evaluation date: 06/04/1985

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/11/1985  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/18/1984  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 06/21/1991  
Evaluation lead agency: State

**US FIN ASSUR:**

EPA ID: CAD077227049  
County: Not reported  
Mechanism type: X  
Mechanism Type Description: STANDBY TRUST FUND  
Cost estimate: 10660000  
Face value: 0  
Effective date: 2013-09-06 00:00:00  
Provider: FROST BANK, INC.  
EPA region: 9

EPA ID: CAD077227049  
County: Not reported  
Mechanism type: I  
Mechanism Type Description: INSURANCE  
Cost estimate: 8000000  
Face value: 8000000  
Effective date: 2011-01-01 00:00:00  
Provider: ACE AMERICAN INSURANCE COMPANY  
EPA region: 9

EPA ID: CAD077227049  
County: Not reported  
Mechanism type: L  
Mechanism Type Description: LETTER OF CREDIT  
Cost estimate: 24113649  
Face value: 28375261  
Effective date: 2011-01-31 00:00:00  
Provider: BP  
EPA region: 9

EPA ID: CAD077227049  
County: Not reported  
Mechanism type: L  
Mechanism Type Description: LETTER OF CREDIT  
Cost estimate: 10660000  
Face value: 29936000  
Effective date: 2015-03-23 00:00:00  
Provider: JP MORGAN CHASE  
EPA region: 9

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TESORO CARSON REFINERY (Continued)**

**1015732785**

2020 COR ACTION:

EPA ID: CAD077227049  
Region: 9  
Action: Not reported

Count: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CARSON	S106387026	CITY OF CARSON - LUCAS PROPERTY	2059 223RD	90745	CA CPS-SLIC
CARSON	S106387025	CITY OF CARSON - STADEL PROPERTY	643 223RD	90745	CA CPS-SLIC
CARSON	S105911485	ACTA SOUTH - PARCEL SE-362	ALAMEDA	90745	CA CPS-SLIC
CARSON	S105911481	ACTA SOUTH - PARCEL SE-358	ALAMEDA	90745	CA CPS-SLIC
CARSON	S105911484	ACTA SOUTH - PARCEL SE-351	ALAMEDA	90810	CA CPS-SLIC
CARSON	S105911480	ACTA SOUTH - PARCEL SE-352/353	ALAMEDA	90810	CA CPS-SLIC
CARSON	S105911479	ACTA SOUTH - PARCEL SE-349	ALAMEDA	90810	CA CPS-SLIC
CARSON	S101480710	TED HAMMETT (CARSON)	EAST OF ALAMEDA & NORTH OF SEP	90745	CA ENVIROSTOR



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

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

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/19/2019	Source: EPA
Date Data Arrived at EDR: 07/30/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 10/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/13/2020
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/19/2019	Source: EPA
Date Data Arrived at EDR: 07/30/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 10/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/13/2020
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# 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: 07/19/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: N/A  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 01/13/2020  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 07/03/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/19/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/19/2019	Source: EPA
Date Data Arrived at EDR: 07/30/2019	Telephone: 800-424-9346
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 10/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Quarterly

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

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

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

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

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

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

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/13/2019	Source: Department of the Navy
Date Data Arrived at EDR: 08/20/2019	Telephone: 843-820-7326
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 08/07/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/25/2019
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/19/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/20/2019	Telephone: 703-603-0695
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/09/2019
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/19/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/20/2019	Telephone: 703-603-0695
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/09/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/09/2019

Date Data Arrived at EDR: 09/09/2019

Date Made Active in Reports: 09/23/2019

Number of Days to Update: 14

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/09/2019

Next Scheduled EDR Contact: 01/06/2020

Data Release Frequency: Quarterly

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

RESPONSE: State Response Sites

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

Date of Government Version: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 07/31/2019

Next Scheduled EDR Contact: 11/11/2019

Data Release Frequency: Quarterly

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

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 07/31/2019

Next Scheduled EDR Contact: 11/11/2019

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/13/2019

Date Data Arrived at EDR: 05/14/2019

Date Made Active in Reports: 07/17/2019

Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 08/13/2019

Next Scheduled EDR Contact: 11/25/2019

Data Release Frequency: Quarterly

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 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: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

## LUST 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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	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: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 08/05/2019  
Number of Days to Update: 55

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Quarterly

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: No Update Planned

## LUST REG 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: 10/17/2018  
Date Data Arrived at EDR: 03/07/2019  
Date Made Active in Reports: 05/01/2019  
Number of Days to Update: 55

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 07/29/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018  
Date Data Arrived at EDR: 03/08/2019  
Date Made Active in Reports: 05/01/2019  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 07/29/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6271
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-6597
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-8677
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-7439
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: No Update Planned

## SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

# 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: No Update Planned

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: No Update Planned

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

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 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: 08/26/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Varies

### MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/10/2019	Source: SWRCB
Date Data Arrived at EDR: 06/11/2019	Telephone: 916-341-5851
Date Made Active in Reports: 07/23/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Semi-Annually

## 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: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/12/2019	Telephone: 916-327-7844
Date Made Active in Reports: 07/23/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/23/2019
	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: 09/12/2019
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/30/2019
	Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3368
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/05/2019
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 08/05/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

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

### VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/29/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/30/2019	Telephone: 916-323-3400
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/31/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/11/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## 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: 09/19/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/06/2020
	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: 06/24/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/25/2019	Telephone: 916-323-7905
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 09/24/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

##### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/03/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/04/2019	Telephone: 202-566-2777
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 09/19/2019
Number of Days to Update: 83	Next Scheduled EDR Contact: 12/30/2019
	Data Release Frequency: Semi-Annually

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

##### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

# 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: 07/25/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/11/2019  
Date Data Arrived at EDR: 06/12/2019  
Date Made Active in Reports: 08/15/2019  
Number of Days to Update: 64

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019  
Date Data Arrived at EDR: 03/27/2019  
Date Made Active in Reports: 04/30/2019  
Number of Days to Update: 34

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 08/07/2019  
Next Scheduled EDR Contact: 11/25/2019  
Data Release Frequency: Varies

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 07/25/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Varies

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: No Update Planned

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 08/02/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/13/2019	Telephone: 202-307-1000
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 08/21/2019
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/09/2019
	Data Release Frequency: No Update Planned

### **HIST CAL-SITES: Calsites Database**

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	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: 04/29/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/30/2019	Telephone: 916-323-3400
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/31/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/11/2019
	Data Release Frequency: Quarterly

### **CDL: Clandestine Drug Labs**

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/16/2019	Telephone: 916-255-6504
Date Made Active in Reports: 09/24/2019	Last EDR Contact: 09/24/2019
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/20/2020
	Data Release Frequency: Varies

### **CERS HAZ WASTE: CERS HAZ WASTE**

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 08/14/2019	Source: CalEPA
Date Data Arrived at EDR: 08/14/2019	Telephone: 916-323-2514
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 08/14/2019
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

### **TOXIC PITS: Toxic Pits Cleanup Act Sites**

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995  
Date Data Arrived at EDR: 08/30/1995  
Date Made Active in Reports: 09/26/1995  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 01/26/2009  
Next Scheduled EDR Contact: 04/27/2009  
Data Release Frequency: No Update Planned

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/11/2019  
Date Data Arrived at EDR: 06/13/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 82

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: Quarterly

## PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/28/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 26

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

## Local Lists of Registered Storage Tanks

### SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018  
Date Data Arrived at EDR: 12/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 8

Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: Annually

### HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018  
Date Data Arrived at EDR: 09/12/2018  
Date Made Active in Reports: 10/11/2018  
Number of Days to Update: 29

Source: San Francisco County Department of Public Health  
Telephone: 415-252-3896  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Varies

## CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 08/14/2019  
Date Data Arrived at EDR: 08/14/2019  
Date Made Active in Reports: 08/21/2019  
Number of Days to Update: 7

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 06/05/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 08/09/2019  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/30/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 01/13/2020  
Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/04/2019	Source: DTSC and SWRCB
Date Data Arrived at EDR: 06/04/2019	Telephone: 916-323-3400
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Semi-Annually

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

#### **HMIRS: Hazardous Materials Information Reporting System**

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/26/2019	Telephone: 202-366-4555
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/24/2019
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

#### **CHMIRS: California Hazardous Material Incident Report System**

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 05/15/2019	Source: Office of Emergency Services
Date Data Arrived at EDR: 06/24/2019	Telephone: 916-845-8400
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 07/26/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Semi-Annually

#### **LDS: Land Disposal Sites Listing (GEOTRACKER)**

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/10/2019	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Quarterly

#### **MCS: Military Cleanup Sites Listing (GEOTRACKER)**

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/15/2019	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 05/21/2019	Telephone: 202-528-4285
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 08/23/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/02/2019
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/09/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/10/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 08/16/2019  
Next Scheduled EDR Contact: 11/25/2019  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/24/2019  
Date Data Arrived at EDR: 06/26/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 89

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 09/24/2019  
Next Scheduled EDR Contact: 01/06/2020  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 08/09/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/21/2017  
Date Made Active in Reports: 01/05/2018  
Number of Days to Update: 198

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/19/2019  
Next Scheduled EDR Contact: 12/30/2019  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 01/10/2018  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 2

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/23/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 09/30/2018  
Date Data Arrived at EDR: 04/24/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 106

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/26/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 07/19/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019  
Date Data Arrived at EDR: 05/02/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 21

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/22/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/20/2019	Source: EPA
Date Data Arrived at EDR: 09/05/2019	Telephone: 202-564-6023
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 10/02/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/18/2019
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/12/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/03/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	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: No Update Planned

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/20/2019	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 06/20/2019	Telephone: 301-415-7169
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/06/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 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: 09/03/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	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: 08/09/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 10/01/2019
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/13/2020
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 04/01/2019  
Date Data Arrived at EDR: 04/30/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 100

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2019  
Date Data Arrived at EDR: 07/16/2019  
Date Made Active in Reports: 10/02/2019  
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 01/20/2020  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 09/16/2019  
Next Scheduled EDR Contact: 01/06/2020  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 07/10/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 07/30/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/19/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 01/13/2020  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2019  
Date Data Arrived at EDR: 05/29/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 71

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/27/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/30/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/30/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019  
Date Data Arrived at EDR: 03/28/2019  
Date Made Active in Reports: 05/01/2019  
Number of Days to Update: 34

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 09/10/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/03/2019  
Date Data Arrived at EDR: 06/05/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 90

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 09/04/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 01/17/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 74

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 07/26/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 71

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 07/06/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/09/2019	Telephone: 202-564-2280
Date Made Active in Reports: 10/02/2019	Last EDR Contact: 07/09/2019
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/20/2019	Source: EPA
Date Data Arrived at EDR: 05/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/02/2019
	Data Release Frequency: Quarterly

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/24/2019	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 06/25/2019	Telephone: 916-323-3400
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 09/24/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Quarterly

## CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 04/18/2019	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 04/19/2019	Telephone: 415-252-3896
Date Made Active in Reports: 04/30/2019	Last EDR Contact: 07/31/2019
Number of Days to Update: 11	Next Scheduled EDR Contact: 11/18/2019
	Data Release Frequency: Varies

## CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 08/15/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/25/2019
	Data Release Frequency: Varies

## DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 08/22/2019  
Number of Days to Update: 55

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Annually

**DRYCLEAN SOUTH COAST:** South Coast Air Quality Management District Drycleaner Listing  
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019  
Date Data Arrived at EDR: 03/22/2019  
Date Made Active in Reports: 04/09/2019  
Number of Days to Update: 18

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: Varies

**DRYCLEAN AVAQMD:** Antelope Valley Air Quality Management District Drycleaner Listing  
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 06/03/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 65

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Varies

**EMI:** Emissions Inventory Data

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

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/24/2019  
Date Made Active in Reports: 08/22/2019  
Number of Days to Update: 59

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 09/18/2019  
Next Scheduled EDR Contact: 12/30/2019  
Data Release Frequency: Varies

**ENF:** Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 07/19/2019  
Date Data Arrived at EDR: 07/22/2019  
Date Made Active in Reports: 09/26/2019  
Number of Days to Update: 66

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 07/18/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

**Financial Assurance 1:** Financial Assurance Information Listing  
Financial Assurance information

Date of Government Version: 07/19/2019  
Date Data Arrived at EDR: 07/23/2019  
Date Made Active in Reports: 09/30/2019  
Number of Days to Update: 69

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

**Financial Assurance 2:** Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/15/2019  
Date Data Arrived at EDR: 05/16/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 63

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 08/07/2019  
Next Scheduled EDR Contact: 11/25/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 05/29/2019	Telephone: 916-255-1136
Date Made Active in Reports: 07/22/2019	Last EDR Contact: 07/12/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Annually

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/20/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/21/2019	Telephone: 877-786-9427
Date Made Active in Reports: 07/18/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 12/02/2019
	Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001	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: 05/20/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/21/2019	Telephone: 916-323-3400
Date Made Active in Reports: 07/18/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 12/02/2019
	Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/08/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/09/2019	Telephone: 916-440-7145
Date Made Active in Reports: 09/20/2019	Last EDR Contact: 07/09/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/10/2019	Source: Department of Conservation
Date Data Arrived at EDR: 06/11/2019	Telephone: 916-322-1080
Date Made Active in Reports: 08/15/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 05/17/2019	Source: Department of Public Health
Date Data Arrived at EDR: 06/04/2019	Telephone: 916-558-1784
Date Made Active in Reports: 08/09/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/13/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/14/2019	Telephone: 916-445-9379
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 08/13/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/25/2019
	Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 06/04/2019	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 06/04/2019	Telephone: 916-445-4038
Date Made Active in Reports: 08/09/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/11/2019	Source: Department of Conservation
Date Data Arrived at EDR: 06/12/2019	Telephone: 916-323-3836
Date Made Active in Reports: 08/15/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 06/17/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/18/2019	Telephone: 916-445-3846
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/30/2019
	Data Release Frequency: No Update Planned

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 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: 08/20/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resource Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018  
Date Data Arrived at EDR: 07/11/2018  
Date Made Active in Reports: 09/13/2018  
Number of Days to Update: 64

Source: RWQCB, Central Valley Region  
Telephone: 559-445-5577  
Last EDR Contact: 07/12/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: No Update Planned

## WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009  
Date Data Arrived at EDR: 07/21/2009  
Date Made Active in Reports: 08/03/2009  
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 09/19/2019  
Next Scheduled EDR Contact: 01/06/2020  
Data Release Frequency: No Update Planned

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

## WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/11/2019  
Date Data Arrived at EDR: 06/12/2019  
Date Made Active in Reports: 08/15/2019  
Number of Days to Update: 64

Source: State Water Resources Control Board  
Telephone: 916-341-5810  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Quarterly

## CIWQS: California Integrated Water Quality System

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

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 65

Source: State Water Resources Control Board  
Telephone: 866-794-4977  
Last EDR Contact: 09/04/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Varies

## CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 08/14/2019  
Date Data Arrived at EDR: 08/14/2019  
Date Made Active in Reports: 08/21/2019  
Number of Days to Update: 7

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

## OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

## WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Varies

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019  
Date Data Arrived at EDR: 01/11/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 53

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 01/20/2020  
Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019  
Date Data Arrived at EDR: 04/11/2019  
Date Made Active in Reports: 06/20/2019  
Number of Days to Update: 70

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 04/24/2047  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 06/27/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 26

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Varies

## BUTTE COUNTY:

### CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 106

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 01/20/2020  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/02/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 27

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 09/23/2019  
Next Scheduled EDR Contact: 01/06/2020  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 05/17/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 58

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Semi-Annually

## CONTRA COSTA COUNTY:

### SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/22/2019  
Date Data Arrived at EDR: 05/23/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 56

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 07/26/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 02/20/2019  
Date Data Arrived at EDR: 05/01/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 07/25/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 06/05/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 47

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 09/05/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/11/2019  
Date Data Arrived at EDR: 07/11/2019  
Date Made Active in Reports: 09/20/2019  
Number of Days to Update: 71

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 09/25/2019  
Next Scheduled EDR Contact: 01/13/2020  
Data Release Frequency: Semi-Annually

## GLENN COUNTY:

### CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018  
Date Data Arrived at EDR: 01/24/2018  
Date Made Active in Reports: 03/14/2018  
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District  
Telephone: 830-934-6500  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: No Update Planned

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 07/08/2019  
Date Data Arrived at EDR: 07/10/2019  
Date Made Active in Reports: 09/20/2019  
Number of Days to Update: 72

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 08/19/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 07/19/2019  
Date Data Arrived at EDR: 07/23/2019  
Date Made Active in Reports: 09/26/2019  
Number of Days to Update: 65

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/03/2018  
Date Made Active in Reports: 06/14/2018  
Number of Days to Update: 72

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

## KERN COUNTY:

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019  
Date Data Arrived at EDR: 05/07/2019  
Date Made Active in Reports: 07/16/2019  
Number of Days to Update: 70

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/16/2019  
Date Data Arrived at EDR: 05/17/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 13

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 05/30/2019  
Date Data Arrived at EDR: 05/31/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 53

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

## LASSEN COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/22/2019  
Date Data Arrived at EDR: 07/23/2019  
Date Made Active in Reports: 09/26/2019  
Number of Days to Update: 65

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: N/A  
Telephone: N/A  
Last EDR Contact: 09/12/2019  
Next Scheduled EDR Contact: 12/30/2019  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/09/2019  
Date Data Arrived at EDR: 07/11/2019  
Date Made Active in Reports: 09/20/2019  
Number of Days to Update: 71

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 01/20/2020  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/15/2019  
Date Data Arrived at EDR: 07/17/2019  
Date Made Active in Reports: 09/26/2019  
Number of Days to Update: 71

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 07/17/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

### LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 01/15/2019  
Date Made Active in Reports: 03/07/2019  
Number of Days to Update: 51

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 07/12/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

### LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019  
Date Data Arrived at EDR: 06/25/2019  
Date Made Active in Reports: 08/22/2019  
Number of Days to Update: 58

Source: Los Angeles Fire Department  
Telephone: 213-978-3800  
Last EDR Contact: 09/27/2019  
Next Scheduled EDR Contact: 01/06/2020  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/17/2019	Telephone: 626-458-6973
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: No Update Planned

## LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 09/27/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Varies

## LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Varies

## SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/15/2019	Source: Community Health Services
Date Data Arrived at EDR: 07/17/2019	Telephone: 323-890-7806
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 07/17/2019
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Annually

## UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 07/12/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: No Update Planned

## UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank  
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/27/2019	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/30/2019	Telephone: 310-618-2973
Date Made Active in Reports: 10/02/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/28/2019	Source: Madera County Environmental Health
Date Data Arrived at EDR: 05/30/2019	Telephone: 559-675-7823
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 08/14/2019
Number of Days to Update: 67	Next Scheduled EDR Contact: 12/02/2019
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites  
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 09/25/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/13/2020
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List  
CUPA facility list.

Date of Government Version: 05/29/2019	Source: Merced County Environmental Health
Date Data Arrived at EDR: 05/30/2019	Telephone: 209-381-1094
Date Made Active in Reports: 07/22/2019	Last EDR Contact: 08/14/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 12/02/2019
	Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List  
CUPA Facility List

Date of Government Version: 05/23/2019	Source: Mono County Health Department
Date Data Arrived at EDR: 05/30/2019	Telephone: 760-932-5580
Date Made Active in Reports: 07/22/2019	Last EDR Contact: 08/21/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 12/09/2019
	Data Release Frequency: Varies

MONTEREY COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/25/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/30/2019  
Number of Days to Update: 62

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 09/30/2019  
Next Scheduled EDR Contact: 01/13/2020  
Data Release Frequency: Varies

## NAPA COUNTY:

### LUST NAPA: Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 50

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: No Update Planned

### UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019  
Date Data Arrived at EDR: 02/22/2019  
Date Made Active in Reports: 03/08/2019  
Number of Days to Update: 14

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/05/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 07/23/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 10/02/2019  
Number of Days to Update: 64

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 07/25/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Varies

## ORANGE COUNTY:

### IND\_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/09/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 21

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Annually

### LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/09/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 21

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST ORANGE: List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2019  
Date Data Arrived at EDR: 05/07/2019  
Date Made Active in Reports: 07/16/2019  
Number of Days to Update: 70

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/03/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 08/12/2019  
Number of Days to Update: 69

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Semi-Annually

## PLUMAS COUNTY:

### CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 06/26/2019  
Number of Days to Update: 64

Source: Plumas County Environmental Health  
Telephone: 530-283-6355  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## RIVERSIDE COUNTY:

### LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/10/2019  
Date Data Arrived at EDR: 07/11/2019  
Date Made Active in Reports: 09/20/2019  
Number of Days to Update: 71

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/16/2019  
Next Scheduled EDR Contact: 12/30/2019  
Data Release Frequency: Quarterly

### UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/10/2019  
Date Data Arrived at EDR: 07/11/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 74

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/16/2019  
Next Scheduled EDR Contact: 12/30/2019  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/06/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 08/22/2019  
Number of Days to Update: 55

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 10/01/2019  
Next Scheduled EDR Contact: 01/13/2020  
Data Release Frequency: Quarterly

## ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/06/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 09/13/2019  
Number of Days to Update: 77

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 10/01/2019  
Next Scheduled EDR Contact: 01/13/2020  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 07/16/2019  
Date Data Arrived at EDR: 07/16/2019  
Date Made Active in Reports: 09/24/2019  
Number of Days to Update: 70

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 07/16/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Varies

## SAN BERNARDINO COUNTY:

### PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/31/2019  
Date Data Arrived at EDR: 05/31/2019  
Date Made Active in Reports: 07/22/2019  
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 65

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 09/04/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018  
Date Data Arrived at EDR: 04/24/2018  
Date Made Active in Reports: 06/19/2018  
Number of Days to Update: 56

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/16/2019  
Date Data Arrived at EDR: 07/23/2019  
Date Made Active in Reports: 09/30/2019  
Number of Days to Update: 69

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: No Update Planned

### UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 38

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 07/11/2018  
Number of Days to Update: 15

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 09/11/2019  
Next Scheduled EDR Contact: 12/29/2019  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 05/20/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 58

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

### BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 08/06/2019  
Date Data Arrived at EDR: 08/14/2019  
Date Made Active in Reports: 08/15/2019  
Number of Days to Update: 1

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 09/09/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Annually

### LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019  
Date Data Arrived at EDR: 03/29/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 09/05/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: No Update Planned

## SANTA CLARA COUNTY:

### CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2019  
Date Data Arrived at EDR: 05/23/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 56

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

### HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: No Update Planned

## SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019  
Date Data Arrived at EDR: 05/23/2019  
Date Made Active in Reports: 07/22/2019  
Number of Days to Update: 60

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA SANTA CRUZ: CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA SHASTA: CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 51

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

## SOLANO COUNTY:

### LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 08/13/2019  
Number of Days to Update: 68

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Quarterly

### UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 47

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 06/18/2019  
Date Data Arrived at EDR: 06/25/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 01/06/2020  
Data Release Frequency: Varies

## LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/02/2019  
Date Data Arrived at EDR: 07/02/2019  
Date Made Active in Reports: 09/20/2019  
Number of Days to Update: 80

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 09/19/2019  
Next Scheduled EDR Contact: 01/06/2020  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 07/18/2019  
Date Data Arrived at EDR: 07/18/2019  
Date Made Active in Reports: 09/26/2019  
Number of Days to Update: 70

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

## SUTTER COUNTY:

### UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/03/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 49

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 05/20/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List Cupa facility list

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/19/2019  
Date Data Arrived at EDR: 07/23/2019  
Date Made Active in Reports: 09/26/2019  
Number of Days to Update: 65

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 05/09/2019  
Date Data Arrived at EDR: 05/10/2019  
Date Made Active in Reports: 07/17/2019  
Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Varies

## TUOLUMNE COUNTY:

### CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018  
Date Data Arrived at EDR: 04/25/2018  
Date Made Active in Reports: 06/25/2018  
Number of Days to Update: 61

Source: Divison of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## VENTURA COUNTY:

### BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/29/2019  
Date Data Arrived at EDR: 07/29/2019  
Date Made Active in Reports: 09/30/2019  
Number of Days to Update: 63

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 07/22/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Quarterly

### LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011  
Date Data Arrived at EDR: 12/01/2011  
Date Made Active in Reports: 01/19/2012  
Number of Days to Update: 49

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 09/25/2019  
Next Scheduled EDR Contact: 01/13/2020  
Data Release Frequency: No Update Planned

### LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008  
Date Data Arrived at EDR: 06/24/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 37

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 08/07/2019  
Next Scheduled EDR Contact: 11/25/2019  
Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 05/29/2019	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 07/29/2019	Telephone: 805-654-2813
Date Made Active in Reports: 09/30/2019	Last EDR Contact: 07/22/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

## UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/10/2019	Source: Environmental Health Division
Date Data Arrived at EDR: 06/12/2019	Telephone: 805-654-2813
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/26/2019	Source: Yolo County Department of Health
Date Data Arrived at EDR: 06/28/2019	Telephone: 530-666-8646
Date Made Active in Reports: 07/31/2019	Last EDR Contact: 09/25/2019
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/13/2020
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/07/2019	Telephone: 530-749-7523
Date Made Active in Reports: 07/16/2019	Last EDR Contact: 07/25/2019
Number of Days to Update: 70	Next Scheduled EDR Contact: 11/11/2019
	Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/14/2019	Telephone: 860-424-3375
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 08/07/2019
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/25/2019
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 04/10/2019  
Date Made Active in Reports: 05/16/2019  
Number of Days to Update: 36

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/02/2019  
Next Scheduled EDR Contact: 01/20/2020  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 05/01/2019  
Date Made Active in Reports: 06/21/2019  
Number of Days to Update: 51

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 07/29/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 02/23/2018  
Date Made Active in Reports: 04/09/2018  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/16/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/06/2019  
Next Scheduled EDR Contact: 12/23/2019  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

## State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

FORMER STAUFFER CHEMICAL COMPANY  
2112 E 223RD STREET  
CARSON, CA 90745

### **TARGET PROPERTY COORDINATES**

Latitude (North): 33.823333 - 33° 49' 24.00"  
Longitude (West): 118.235602 - 118° 14' 8.17"  
Universal Tranverse Mercator: Zone 11  
UTM X (Meters): 385653.2  
UTM Y (Meters): 3743060.2  
Elevation: 23 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map: 5652670 LONG BEACH, CA  
Version Date: 2012  
  
West Map: 5633779 TORRANCE, CA  
Version Date: 2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

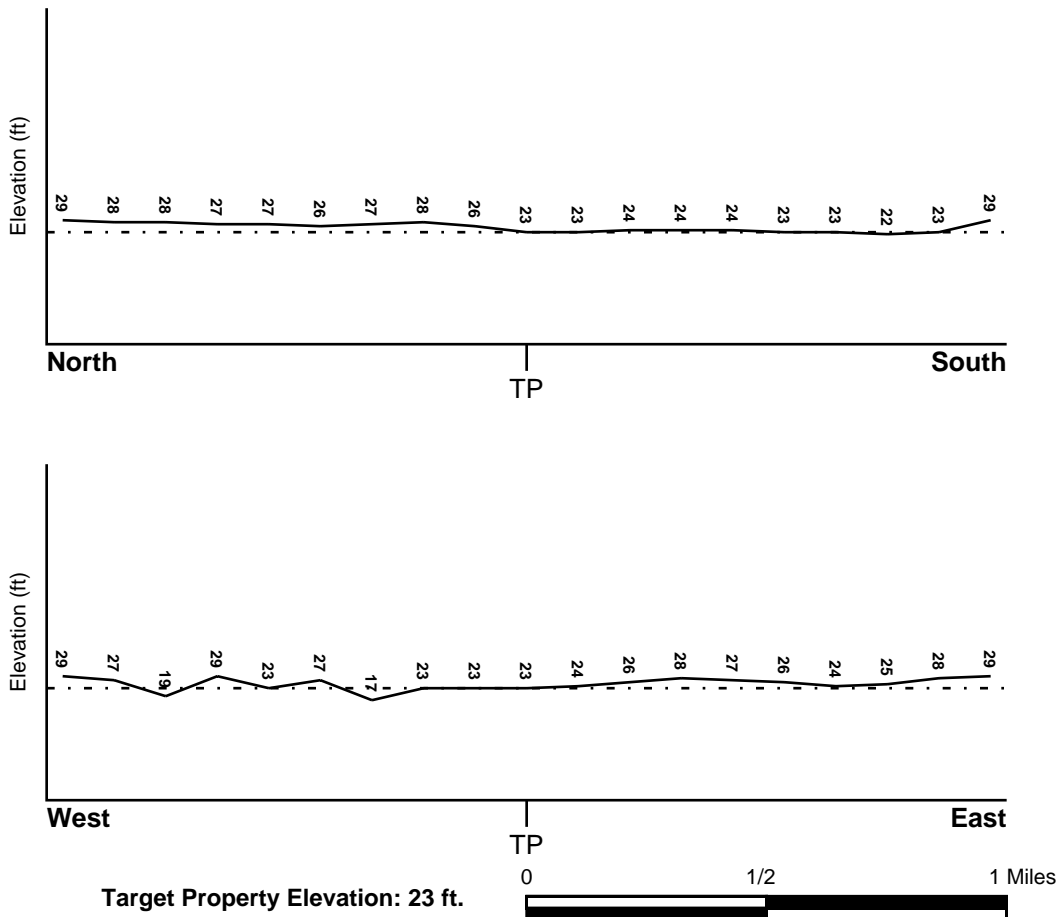
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06037C1955F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06037C1935F	FEMA FIRM Flood data
06037C1965F	FEMA FIRM Flood data

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
NORTH LONG BEACH (OE)	<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:	1/4 - 1/2 Mile SE
Site Name:	Alameda St San Ldf/Alameda St Dump
Site EPA ID Number:	CAD980636393
Surficial Aquifer Flow Dir.:	SW ON A REGIONAL BASIS.
Measured Depth to Water:	30 feet to 40 feet.
Hydraulic Connection:	The Gaspur, Gage, and Lynwood aquifers (surficial aquifers) are hydraulically connected. An aquitard separates the surficial aquifers and the underlying Silverado aquifer (lower aquifer), but aquifer interconnections exist within two miles of the site.
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	1/8 - 1/4 Mile WNW	NE
4	1/4 - 1/2 Mile WNW	Not Reported
5	1/4 - 1/2 Mile NW	SW
1G	1/4 - 1/2 Mile NW	SW
2G	1/4 - 1/2 Mile WNW	Not Reported
3G	1/8 - 1/4 Mile WNW	NE

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 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000138459	0 - 1/8 Mile NNW
3	USGS40000138465	1/8 - 1/4 Mile NNE
6	USGS40000138431	1/4 - 1/2 Mile WSW
8	USGS40000138394	1/2 - 1 Mile SSE
9	USGS40000138391	1/2 - 1 Mile SSW
A10	USGS40000138483	1/2 - 1 Mile NE
B11	USGS40000138499	1/2 - 1 Mile NE
B12	USGS40000138497	1/2 - 1 Mile NE
C15	USGS40000138383	1/2 - 1 Mile South
C16	USGS40000138384	1/2 - 1 Mile South
A17	USGS40000138485	1/2 - 1 Mile NE
18	USGS40000138380	1/2 - 1 Mile SSW
D19	USGS40000138520	1/2 - 1 Mile NNW
D20	USGS40000138519	1/2 - 1 Mile NNW
D21	USGS40000138522	1/2 - 1 Mile NNW
D22	USGS40000138521	1/2 - 1 Mile NNW

## 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

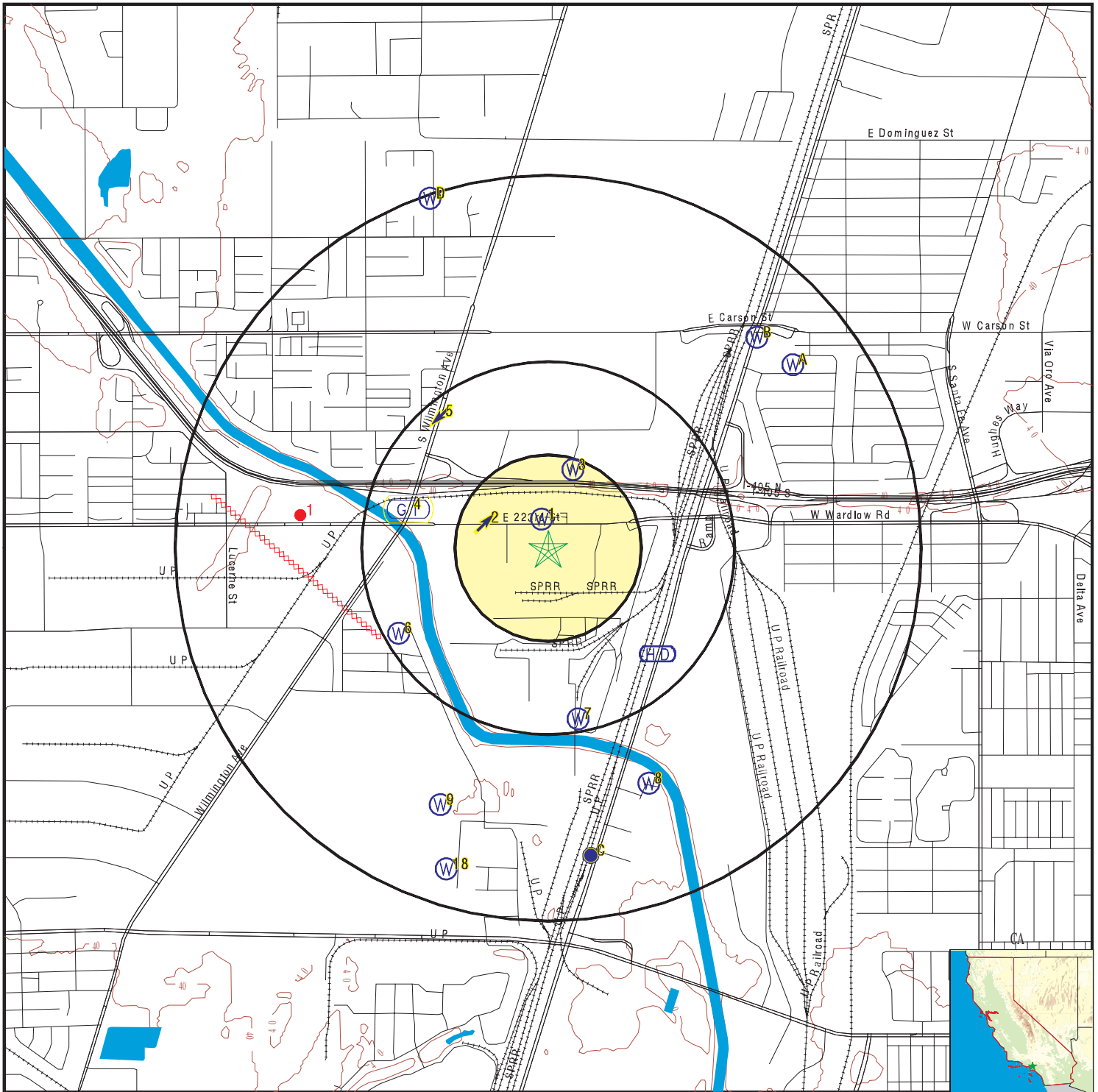
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
7	5351	1/4 - 1/2 Mile South
C13	CADWR8000005653	1/2 - 1 Mile South
C14	CADWR8000005654	1/2 - 1 Mile South

## OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

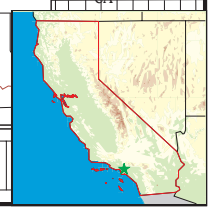
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG13000005303	1/2 - 1 Mile West

# PHYSICAL SETTING SOURCE MAP - 5814018.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Former Stauffer Chemical Company  
 ADDRESS: 2112 E 223rd Street  
 Carson CA 90745  
 LAT/LONG: 33.823333 / 118.235602

CLIENT: Avocet Environmental, Inc.  
 CONTACT: Philip Miller  
 INQUIRY #: 5814018.2s  
 DATE: October 03, 2019 1:35 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**NNW**  
**0 - 1/8 Mile**  
**Higher**      **FED USGS**      **USGS40000138459**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W15E003S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	950
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**2**  
**WNW**  
**1/8 - 1/4 Mile**  
**Higher**      **AQUIFLOW**      **69682**

Site ID:	R-12498		
Groundwater Flow:	NE		
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	28.6		
Date:	08/1996		

**3**  
**NNE**  
**1/8 - 1/4 Mile**  
**Higher**      **FED USGS**      **USGS40000138465**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W15F015S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1977	Well Depth:	952
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**4**  
**WNW**  
**1/4 - 1/2 Mile**  
**Higher**      **AQUIFLOW**      **70441**

Site ID:	I-00047		
Groundwater Flow:	Not Reported		
Shallow Water Depth:	43.5		
Deep Water Depth:	44.0		
Average Water Depth:	Not Reported		
Date:	10/14/1987		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

<b>5</b> <b>NW</b> <b>1/4 - 1/2 Mile</b> <b>Higher</b>	Site ID: I-10154		<b>AQUIFLOW</b>	<b>70445</b>
	Groundwater Flow: SW			
	Shallow Water Depth: Not Reported			
	Deep Water Depth: Not Reported			
	Average Water Depth: 40			
	Date: 03/26/1991			

<b>6</b> <b>WSW</b> <b>1/4 - 1/2 Mile</b> <b>Higher</b>			<b>FED USGS</b>	<b>USGS40000138431</b>
Organization ID:	USGS-CA			
Organization Name:	USGS California Water Science Center			
Monitor Location:	004S013W16R002S	Type:	Well	
Description:	Not Reported	HUC:	18070104	
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported	
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported	
Aquifer:	California Coastal Basin aquifers			
Formation Type:	Not Reported	Aquifer Type:	Not Reported	
Construction Date:	Not Reported	Well Depth:	Not Reported	
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported	
Well Hole Depth Units:	Not Reported			

<b>7</b> <b>South</b> <b>1/4 - 1/2 Mile</b> <b>Higher</b>			<b>CA WELLS</b>	<b>5351</b>
Seq:	5351	Prim sta c:	04S/13W-15F01 S	
Frds no:	1910033024	County:	19	
District:	07	User id:	4TH	
System no:	1910033	Water type:	G	
Source nam:	WELL 77	Station ty:	WELL/AMBNT/MUN/INTAKE	
Latitude:	334900.0	Longitude:	1181400.0	
Precision:	3	Status:	AR	
Comment 1:	Not Reported	Comment 2:	Not Reported	
Comment 3:	Not Reported	Comment 4:	Not Reported	
Comment 5:	Not Reported	Comment 6:	Not Reported	
Comment 7:	Not Reported			
System no:	1910033	System nam:	Dominguez Water Corp	
Hqname:	DOMINGUEZ WATER CORP	Address:	P.O. BOX 9351	
City:	LONG BEACH	State:	CA	
Zip:	90810	Zip ext:	Not Reported	
Pop serv:	100000	Connection:	32000	
Area serve:	Not Reported			
Sample date:	14-MAR-18	Finding:	2.	
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON	
Dir:	1.			
Sample date:	14-MAR-18	Finding:	7.5	
Chemical:	PH, FIELD	Report units:	Not Reported	
Dir:	0.			

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	14-MAR-18	Finding:	0.14
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	14-MAR-18	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	14-MAR-18	Finding:	9.8e-002
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	14-MAR-18	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	07-FEB-18	Finding:	0.81
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	07-FEB-18	Finding:	7.4e-002
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	07-FEB-18	Finding:	0.47
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	07-FEB-18	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	07-FEB-18	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	07-FEB-18	Finding:	27.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	07-FEB-18	Finding:	7.01
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	07-FEB-18	Finding:	26.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	07-FEB-18	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	03-JAN-18	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	03-JAN-18	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	03-JAN-18	Finding:	10.
Chemical:	COLOR	Report units:	UNITS

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	03-JAN-18	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	03-JAN-18	Finding:	0.12
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	26-DEC-17	Finding:	2.1
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	26-DEC-17	Finding:	11.
Chemical:	AGGRSSIVE INDEX (CORROSIIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	26-DEC-17	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	26-DEC-17	Finding:	22.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	26-DEC-17	Finding:	2.7
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	26-DEC-17	Finding:	55.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	26-DEC-17	Finding:	5.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	26-DEC-17	Finding:	22.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	26-DEC-17	Finding:	77.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	26-DEC-17	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	26-DEC-17	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	26-DEC-17	Finding:	7.12
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	26-DEC-17	Finding:	330.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	26-DEC-17	Finding:	1.2
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	26-DEC-17	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	26-DEC-17	Finding:	0.22
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	06-DEC-17	Finding:	7.7e-002
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	06-DEC-17	Finding:	6.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-DEC-17	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	06-DEC-17	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	06-DEC-17	Finding:	25.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	06-DEC-17	Finding:	0.18
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	16-NOV-17	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-NOV-17	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	16-NOV-17	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	16-NOV-17	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	16-NOV-17	Finding:	0.82
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	16-NOV-17	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-NOV-17	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	16-NOV-17	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-NOV-17	Finding:	24.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	16-NOV-17	Finding:	8.2e-002
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	16-NOV-17	Finding:	0.48
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	04-OCT-17	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	04-OCT-17	Finding:	6.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	04-OCT-17	Finding:	8.e-002
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	04-OCT-17	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	04-OCT-17	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	20-SEP-17	Finding:	7.49
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-SEP-17	Finding:	25.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	20-SEP-17	Finding:	7.5
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-SEP-17	Finding:	6.8e-002
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	20-SEP-17	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	20-SEP-17	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	20-SEP-17	Finding:	7.5
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-SEP-17	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	09-AUG-17	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	09-AUG-17	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	09-AUG-17	Finding:	0.66
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	09-AUG-17	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	09-AUG-17	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	09-AUG-17	Finding:	0.45
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	09-AUG-17	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	28-JUN-17	Finding:	0.77
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	28-JUN-17	Finding:	0.42
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	10-AUG-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-AUG-16	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-AUG-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-AUG-16	Finding:	0.81
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	10-AUG-16	Finding:	0.36
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	10-AUG-16	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-AUG-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-AUG-16	Finding:	7.19
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-AUG-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-AUG-16	Finding:	0.53
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	10-AUG-16	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-AUG-16	Finding:	40.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	10-AUG-16	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	10-AUG-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-AUG-16	Finding:	7.19
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-16	Finding:	0.17
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	18-MAY-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-16	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	18-MAY-16	Finding:	27.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	18-MAY-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-16	Finding:	27.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-MAY-16	Finding:	0.41
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-16	Finding:	27.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-MAY-16	Finding:	0.64
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	18-MAY-16	Finding:	27.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-MAY-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-16	Finding:	27.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-FEB-16	Finding:	25.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	0.42
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	10-FEB-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-FEB-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	10-FEB-16	Finding:	0.74
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	10-FEB-16	Finding:	25.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-FEB-16	Finding:	25.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-FEB-16	Finding:	0.41
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	10-FEB-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-FEB-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-FEB-16	Finding:	25.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-FEB-16	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-FEB-16	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	04-NOV-15	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	04-NOV-15	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	04-NOV-15	Finding:	7.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	04-NOV-15	Finding:	0.16
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	04-NOV-15	Finding:	25.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	04-NOV-15	Finding:	7.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	04-NOV-15	Finding:	0.81
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	04-NOV-15	Finding:	0.38
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	04-NOV-15	Finding:	25.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	23-SEP-15	Finding:	7.26
Chemical:	METHYL ETHYL KETONE	Report units:	UG/L
Dir:	5.		
Sample date:	19-AUG-15	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	19-AUG-15	Finding:	0.47
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-15	Finding:	0.71
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	19-AUG-15	Finding:	0.25
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	19-AUG-15	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	19-AUG-15	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	19-AUG-15	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	19-AUG-15	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	15-JUL-15	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	15-JUL-15	Finding:	8.26
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	07-JUL-15	Finding:	25.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	07-JUL-15	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	23-JUN-15	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	23-JUN-15	Finding:	26.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	16-JUN-15	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-JUN-15	Finding:	26.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	12-JUN-15	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-JUN-15	Finding:	25.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	09-JUN-15	Finding:	25.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	09-JUN-15	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-MAY-15	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-MAY-15	Finding:	27.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	06-MAY-15	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	06-MAY-15	Finding:	0.16
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	06-MAY-15	Finding:	0.71
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	06-MAY-15	Finding:	0.42
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	06-MAY-15	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-MAY-15	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	06-MAY-15	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	06-MAY-15	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-MAY-15	Finding:	25.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	08-APR-15	Finding:	25.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	08-APR-15	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	11-MAR-15	Finding:	25.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	11-MAR-15	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	11-MAR-15	Finding:	2.5
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	11-MAR-15	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	11-MAR-15	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	11-MAR-15	Finding:	24.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	17-FEB-15	Finding:	25.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	17-FEB-15	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	11-FEB-15	Finding:	8.6e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	11-FEB-15	Finding:	26.1
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	11-FEB-15	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	11-FEB-15	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	11-FEB-15	Finding:	0.616
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	11-FEB-15	Finding:	0.4
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	7.8e-002
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-15	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	11-FEB-15	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	11-FEB-15	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	11-FEB-15	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	28-JAN-15	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	28-JAN-15	Finding:	25.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	21-JAN-15	Finding:	24.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	21-JAN-15	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	03-DEC-14	Finding:	23.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	03-DEC-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-NOV-14	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-NOV-14	Finding:	5.1e-002
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	12-NOV-14	Finding:	0.4
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	12-NOV-14	Finding:	0.66
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	12-NOV-14	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	12-NOV-14	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	12-NOV-14	Finding:	5.7e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	12-NOV-14	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	12-NOV-14	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-NOV-14	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-NOV-14	Finding:	25.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	07-OCT-14	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	07-OCT-14	Finding:	26.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	03-SEP-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	21-AUG-14	Finding:	8.23
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	13-AUG-14	Finding:	28.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	13-AUG-14	Finding:	0.67
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	13-AUG-14	Finding:	0.39
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	13-AUG-14	Finding:	0.24
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	13-AUG-14	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	13-AUG-14	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	13-AUG-14	Finding:	28.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	13-AUG-14	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-JUL-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	08-JUL-14	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	30-JUN-14	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	24-JUN-14	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-JUN-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-JUN-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-JUN-14	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-JUN-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-JUN-14	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-JUN-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-JUN-14	Finding:	26.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-JUN-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-JUN-14	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-JUN-14	Finding:	0.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	18-JUN-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-JUN-14	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-JUN-14	Finding:	0.43
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	18-JUN-14	Finding:	26.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	10-JUN-14	Finding:	7.71
Chemical:	PH, FIELD	Report units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	05-JUN-14	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	04-JUN-14	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	26-FEB-14	Finding:	23.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	26-FEB-14	Finding:	23.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	26-FEB-14	Finding:	0.38
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	26-FEB-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	26-FEB-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	26-FEB-14	Finding:	0.91
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	26-FEB-14	Finding:	23.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	26-FEB-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	26-FEB-14	Finding:	0.44
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	26-FEB-14	Finding:	23.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	26-FEB-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	26-FEB-14	Finding:	23.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	26-FEB-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	26-FEB-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-JAN-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-JAN-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-JAN-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-JAN-14	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-JAN-14	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-JAN-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	08-JAN-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-JAN-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-DEC-13	Finding:	9.2
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	18-DEC-13	Finding:	4.1
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	18-DEC-13	Finding:	1.9
Chemical:	DIBROMOCHLOROMETHANE (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	18-DEC-13	Finding:	3.2
Chemical:	BROMODICHLOROMETHANE (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	18-DEC-13	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-DEC-13	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-DEC-13	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	16-DEC-13	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-DEC-13	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-DEC-13	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-DEC-13	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-DEC-13	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-DEC-13	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-NOV-13	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	13-NOV-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-NOV-13	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	06-NOV-13	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	06-NOV-13	Finding:	0.39
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	06-NOV-13	Finding:	0.75
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	06-NOV-13	Finding:	0.48
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	05-NOV-13	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-OCT-13	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	26-SEP-13	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-SEP-13	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	10-SEP-13	Finding:	0.33
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	14-AUG-13	Finding:	0.44
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	14-AUG-13	Finding:	0.88
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	13-AUG-13	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-AUG-13	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	22-JUL-13	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-JUL-13	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-JUN-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	23-MAY-13	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-13	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	21-MAY-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAY-13	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	08-MAY-13	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	08-MAY-13	Finding:	15.
Chemical:	COLOR	Report units:	UNITS



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	08-MAY-13	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	08-MAY-13	Finding:	25.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	08-MAY-13	Finding:	0.12
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-MAY-13	Finding:	0.44
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	08-MAY-13	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	08-MAY-13	Finding:	25.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	08-MAY-13	Finding:	0.81
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	08-MAY-13	Finding:	25.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	08-MAY-13	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	07-MAY-13	Finding:	8.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	09-APR-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	25-MAR-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAR-13	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAR-13	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAR-13	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	13-MAR-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAR-13	Finding:	24.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	13-MAR-13	Finding:	24.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	13-MAR-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAR-13	Finding:	0.4
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAR-13	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAR-13	Finding:	0.24
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	13-MAR-13	Finding:	2.6
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	13-MAR-13	Finding:	21.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAR-13	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAR-13	Finding:	48.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAR-13	Finding:	4.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAR-13	Finding:	21.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAR-13	Finding:	72.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAR-13	Finding:	5.
Chemical:	CARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAR-13	Finding:	190.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	13-MAR-13	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	13-MAR-13	Finding:	8.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAR-13	Finding:	350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-MAR-13	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	13-MAR-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAR-13	Finding:	24.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	13-MAR-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAR-13	Finding:	24.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	13-MAR-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-MAR-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-FEB-13	Finding:	0.17
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	06-FEB-13	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	06-FEB-13	Finding:	0.35
Chemical:	AMMONIA (NH <sub>3</sub> -N)	Report units:	MG/L
Dir:	0.		
Sample date:	06-FEB-13	Finding:	0.78
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	16-JAN-13	Finding:	6.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	13-DEC-12	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-NOV-12	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-NOV-12	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	14-NOV-12	Finding:	0.47
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	14-NOV-12	Finding:	0.86
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	14-NOV-12	Finding:	3.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	14-NOV-12	Finding:	0.14
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	14-NOV-12	Finding:	0.11
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	24-OCT-12	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-OCT-12	Finding:	8.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	26-SEP-12	Finding:	2.6
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	26-SEP-12	Finding:	1.92
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	05-SEP-12	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	08-AUG-12	Finding:	0.1
Chemical:	SULFIDE	Report units:	MG/L
Dir:	0.		
Sample date:	08-AUG-12	Finding:	8.5e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-AUG-12	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	1.		
Sample date:	08-AUG-12	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	08-AUG-12	Finding:	0.46
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	08-AUG-12	Finding:	0.71
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	06-AUG-12	Finding:	8.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	09-JUL-12	Finding:	8.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	25-JUN-12	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	09-MAY-12	Finding:	0.81
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	09-MAY-12	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	09-MAY-12	Finding:	0.41
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-12	Finding:	0.12
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	09-MAY-12	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	09-MAY-12	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	11-APR-12	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-MAR-12	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-FEB-12	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	08-FEB-12	Finding:	9.7e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	08-FEB-12	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	08-FEB-12	Finding:	0.42
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dir:	0.		
Sample date:	08-FEB-12	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	11-JAN-12	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

**8**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000138394**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W22F002S	Type:	Well
Description:	Not Reported	HUC:	18070104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	194811	Well Depth:	572
Well Depth Units:	ft	Well Hole Depth:	700
Well Hole Depth Units:	ft		

**9**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000138391**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W21H007S	Type:	Well
Description:	Not Reported	HUC:	18070104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19691020	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	745
Well Hole Depth Units:	ft		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A10**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000138483**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W15B005S	Type:	Well
Description:	Not Reported	HUC:	18070104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	963
Well Depth Units:	ft	Well Hole Depth:	975
Well Hole Depth Units:	ft		

**B11**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000138499**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W15A006S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	1226
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**B12**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000138497**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W15A014S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	1020
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C13**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR8000005653**

State Well #:	04S13W22F005S	Station ID:	29324
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	West Coast	Well Completion Rpt #:	Not Reported

**C14**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR8000005654**

State Well #:	04S13W22F006S	Station ID:	5456
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	West Coast	Well Completion Rpt #:	Not Reported

**C15**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000138383**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W22F005S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19690513	Well Depth:	290
Well Depth Units:	ft	Well Hole Depth:	353
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1999-03-09
Feet below surface:	40.41	Feet to sea level:	Not Reported
Note:	Not Reported		

**C16**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000138384**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W22F006S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	19690513	Well Depth:	160
Well Depth Units:	ft	Well Hole Depth:	353
Well Hole Depth Units:	ft		
Ground water levels, Number of Measurements:		1	Level reading date:
Feet below surface:	37.68		1999-03-09
Note:	Not Reported	Feet to sea level:	Not Reported

**A17  
NE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000138485**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W15A011S	Type:	Well
Description:	LA WATER REPLENISHMENT DIST	GPS LAT/LONG	
HUC:	18070104	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19441001	Well Depth:	1049
Well Depth Units:	ft	Well Hole Depth:	1054
Well Hole Depth Units:	ft		

**18  
SSW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000138380**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W21J002S	Type:	Well
Description:	Not Reported	HUC:	18070104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	800
Well Depth Units:	ft	Well Hole Depth:	800
Well Hole Depth Units:	ft		

**D19  
NNW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000138520**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S013W09H010S	Type:	Well
Description:	Not Reported	HUC:	18070104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19970722	Well Depth:	760

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth Units:	ft	Well Hole Depth:	1200
Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	36	Level reading date:	2002-09-30
Feet below surface:	85.41	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2002-07-07	Feet below surface:	84.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-28	Feet below surface:	85.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-25	Feet below surface:	89.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-12-27	Feet below surface:	82.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-27	Feet below surface:	97.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-26	Feet below surface:	97.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-19	Feet below surface:	98.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-03	Feet below surface:	98.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-02	Feet below surface:	98.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-03	Feet below surface:	88.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-27	Feet below surface:	94.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-07	Feet below surface:	88.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-05	Feet below surface:	96.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	96.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-25	Feet below surface:	97.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-03	Feet below surface:	97.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	101.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	98.39
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1999-09-22	Feet below surface:	98.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-30	Feet below surface:	97.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-30	Feet below surface:	97.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-09	Feet below surface:	97.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-11	Feet below surface:	96.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-17	Feet below surface:	96.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-04	Feet below surface:	96.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-19	Feet below surface:	98.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	99.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-02	Feet below surface:	99.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	100.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-05	Feet below surface:	95.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-30	Feet below surface:	97.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	96.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-11	Feet below surface:	98.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-04	Feet below surface:	99.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-05	Feet below surface:	102.02
Feet to sea level:	Not Reported	Note:	Not Reported

**D20  
NNW  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000138519**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18070104
Monitor Location:	004S013W09H009S	Drainage Area Units:	Not Reported
Description:	Not Reported		
Drainage Area:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	1010
Construction Date:	19970722	Well Hole Depth:	1200
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	35	Level reading date:	2002-09-30
Feet below surface:	86.38	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2002-06-28	Feet below surface:	86.75
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-03-25	Feet below surface:	91.22
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-12-27	Feet below surface:	83.47
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-09-27	Feet below surface:	99.36
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-06-26	Feet below surface:	100.23
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-19	Feet below surface:	101.20
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-03	Feet below surface:	100.90
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-02	Feet below surface:	100.88
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-01-03	Feet below surface:	89.72
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-09-27	Feet below surface:	97.32
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-08-07	Feet below surface:	90.58
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-07-05	Feet below surface:	99.33
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-05-17	Feet below surface:	98.92
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-25	Feet below surface:	100.37
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-03	Feet below surface:	100.51
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-01-06	Feet below surface:	103.79
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-10-04	Feet below surface:	100.04
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1999-09-22	Feet below surface:	100.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-31	Feet below surface:	99.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-30	Feet below surface:	98.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-09	Feet below surface:	99.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-11	Feet below surface:	98.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-17	Feet below surface:	98.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-04	Feet below surface:	97.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-19	Feet below surface:	100.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	101.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-02	Feet below surface:	101.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	102.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-06	Feet below surface:	98.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-30	Feet below surface:	99.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	99.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-07	Feet below surface:	100.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-04	Feet below surface:	101.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-05	Feet below surface:	105.77
Feet to sea level:	Not Reported	Note:	Not Reported

**D21  
NNW  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000138522**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18070104
Monitor Location:	004S013W09H012S	Drainage Area Units:	Not Reported
Description:	Not Reported		
Drainage Area:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	270
Construction Date:	19970722	Well Hole Depth:	1200
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	35	Level reading date:	2002-09-30
Feet below surface:	46.82	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2002-06-28	Feet below surface:	47.53
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-03-25	Feet below surface:	46.70
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-12-27	Feet below surface:	46.82
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-09-27	Feet below surface:	48.74
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-06-26	Feet below surface:	47.98
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-19	Feet below surface:	47.76
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-03	Feet below surface:	47.58
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-02	Feet below surface:	47.55
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-01-03	Feet below surface:	47.56
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-09-27	Feet below surface:	47.77
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-08-07	Feet below surface:	47.62
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-07-05	Feet below surface:	48.01
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-05-17	Feet below surface:	48.21
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-25	Feet below surface:	48.47
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-03	Feet below surface:	48.54
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-01-06	Feet below surface:	49.01
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-10-04	Feet below surface:	48.80
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1999-09-22	Feet below surface:	48.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-31	Feet below surface:	48.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-30	Feet below surface:	48.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-09	Feet below surface:	48.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-11	Feet below surface:	48.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-17	Feet below surface:	48.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-04	Feet below surface:	48.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-19	Feet below surface:	48.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	48.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-02	Feet below surface:	48.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	48.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-06	Feet below surface:	48.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-30	Feet below surface:	48.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	49.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-11	Feet below surface:	48.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-04	Feet below surface:	48.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-05	Feet below surface:	47.32
Feet to sea level:	Not Reported	Note:	Not Reported

**D22  
NNW  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000138521**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18070104
Monitor Location:	004S013W09H011S	Drainage Area Units:	Not Reported
Description:	Not Reported		
Drainage Area:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	480
Construction Date:	19970722	Well Hole Depth:	1200
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	35	Level reading date:	2002-09-30
Feet below surface:	48.96	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2002-07-07	Feet below surface:	49.36
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-06-28	Feet below surface:	49.68
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-03-25	Feet below surface:	48.79
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-12-27	Feet below surface:	48.85
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-09-27	Feet below surface:	51.35
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-06-26	Feet below surface:	50.45
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-19	Feet below surface:	50.45
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-03	Feet below surface:	50.23
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-02	Feet below surface:	50.19
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-01-03	Feet below surface:	49.88
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-09-27	Feet below surface:	50.19
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-08-07	Feet below surface:	49.87
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-07-05	Feet below surface:	50.50
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-05-17	Feet below surface:	50.67
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-25	Feet below surface:	50.90
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-03	Feet below surface:	51.06
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-01-06	Feet below surface:	51.66
Feet to sea level:	Not Reported	Note:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1999-10-04	Feet below surface:	51.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-22	Feet below surface:	51.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-30	Feet below surface:	51.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-09	Feet below surface:	54.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-11	Feet below surface:	51.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-17	Feet below surface:	51.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-04	Feet below surface:	51.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-19	Feet below surface:	51.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	51.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-02	Feet below surface:	51.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	51.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-06	Feet below surface:	51.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-30	Feet below surface:	51.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	51.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-11	Feet below surface:	51.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-04	Feet below surface:	51.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-05	Feet below surface:	51.62
Feet to sea level:	Not Reported	Note:	Not Reported

**1G  
NW  
1/4 - 1/2 Mile  
Lower**

Site ID: I-10154  
 Groundwater Flow: SW  
 Shallow Water Depth: Not Reported  
 Deep Water Depth: Not Reported  
 Average Water Depth: 40  
 Date: 03/26/1991

**AQUIFLOW 70445**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

---

<b>2G</b>	Site ID:	I-00047		
<b>WNW</b>	Groundwater Flow:	Not Reported	<b>AQUIFLOW</b>	<b>70441</b>
<b>1/4 - 1/2 Mile</b>	Shallow Water Depth:	43.5		
<b>Lower</b>	Deep Water Depth:	44.0		
	Average Water Depth:	Not Reported		
	Date:	10/14/1987		

---

<b>3G</b>	Site ID:	R-12498		
<b>WNW</b>	Groundwater Flow:	NE	<b>AQUIFLOW</b>	<b>69682</b>
<b>1/8 - 1/4 Mile</b>	Shallow Water Depth:	Not Reported		
<b>Lower</b>	Deep Water Depth:	Not Reported		
	Average Water Depth:	28.6		
	Date:	08/1996		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

---

**1**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG13000005303**

API #:	0403705102	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Airways Petro. Corp.	Lease Name:	Santa Susana
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90745	8	0

Federal EPA Radon Zone for LOS ANGELES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

### Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

#### California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### RADON

#### State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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