

## DOCKETED

<b>Docket Number:</b>	00-AFC-14C
<b>Project Title:</b>	El Segundo Power Redevelopment Project Compliance
<b>TN #:</b>	201082
<b>Document Title:</b>	Applicant's Response to Data Request 87 of Data Request Set Two
<b>Description:</b>	N/A
<b>Filer:</b>	Dee Hutchinson
<b>Organization:</b>	Locke Lord LLP
<b>Submitter Role:</b>	Applicant Representative
<b>Submission Date:</b>	10/30/2013 4:01:24 PM
<b>Docketed Date:</b>	10/30/2013



Attorneys & Counselors

500 Capitol Mall, Suite 1800  
Sacramento, CA 95814  
Telephone: 916-930-2500  
Fax: 916-930-2501  
www.lockelord.com

John A. McKinsey  
Direct Telephone: 916-930-2527  
Direct Fax: 916-720-0443  
jmckinsey@lockelord.com

October 30, 2013

VIA E-FILING

El Segundo Energy Center Petition to Amend (00-AFC-14C) Siting Committee  
Commissioner Karen Douglas – Presiding Member  
Commissioner Janae A. Scott – Associate Member  
Paul Kramer – Hearing Officer  
California Energy Commission  
1516 Ninth Street  
Sacramento, CA 95814-5512

Re: El Segundo Energy Center Petition to Amend (00-AFC-014C)  
Applicant's Response to Data Request 87 of Data Request Set Two

Dear Committee Members:

On September 3, 2013, the Applicant, El Segundo Energy Center LLC ("**ESEC LLC**") requested an extension of time to respond to the Energy Commission staff's Data Request 87 related to ESEC LLC's Petition to Amend the El Segundo Energy Center project (00-AFC-014C). At the Energy Commission workshop on October 1, 2013, ESEC LLC requested a further extension of time to respond to Data Request 87. Accordingly, ESEC LLC hereby submits the enclosed Phase Environmental Site Assessment in response to Data Request 87. This report identifies recognized environmental concerns in and adjacent to the footprint of the modified El Segundo Energy Center.

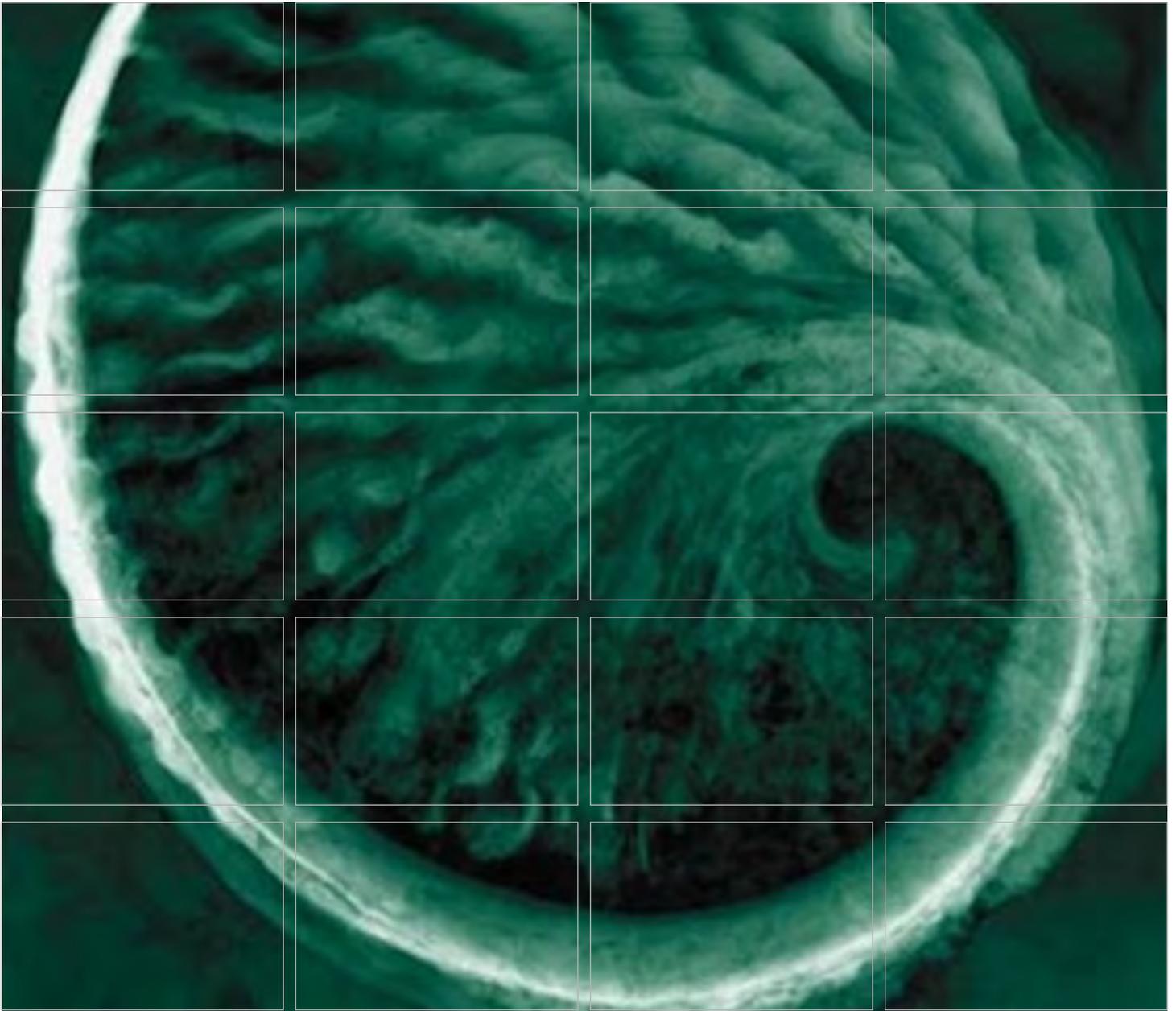
Please contact me or my colleague Allison Harris if there are any questions about the enclosed Response.

Locke Lord LLP

By:   
\_\_\_\_\_  
John A. McKinsey  
Attorneys for El Segundo Energy Center LLC

JAM:awph

Enclosures



NRG Energy, Inc.

## **Phase I Environmental Site Assessment**

**El Segundo Generating Station  
301 Vista Del Mar Boulevard  
El Segundo, CA**

24 October 2013

ERM Project No. 0220307

## Signatures



NRG Energy, Inc.

## Phase I Environmental Site Assessment and Limited Compliance Review

El Segundo Generating Station  
301 Vista Del Mar Boulevard  
El Segundo, CA

ERM Project No. 0220307

24 October 2013

---

Steve Williams  
*Partner*

---

Kate Mitsch  
*Site Auditor*

**Environmental Resources Management**  
2875 Michelle Drive  
Suite 200  
Irvine, California 92606  
(949) 623-4700  
[www.erm.com](http://www.erm.com)

# Table of Contents



<b>Executive Summary</b>	<b>ES-1</b>
<b>1 Introduction and Background</b>	<b>1</b>
1.1 Purpose and Auditors.....	1
1.2 Scope of Work.....	1
1.3 Limiting and Special Conditions .....	2
1.3.1 Limiting Conditions Encountered During the Site Visit .....	2
1.3.2 Significant Assumptions.....	2
<b>2 Site Setting</b>	<b>3</b>
2.1 Location.....	3
2.2 Topography and Hydrology.....	3
2.3 Geology and Hydrogeology.....	3
2.4 Surrounding Land Use .....	4
2.4.1 Neighboring Properties .....	4
2.4.2 Potential Off-Site Contamination Sources .....	4
2.5 Sensitive Receptors .....	5
<b>3 Site Description and Operations Information</b>	<b>6</b>
3.1 Ownership Information .....	6
3.2 Site Layout .....	6
3.3 Current Operations.....	7
3.4 Utilities.....	8
<b>4 Site Observations</b>	<b>9</b>
4.1 Material Use and Storage .....	9
4.1.1 Underground Storage Tanks .....	9
4.1.2 Aboveground Storage Tanks .....	9
4.1.3 Non-Bulk Storage .....	11
4.2 Waste Management .....	12
4.2.1 Hazardous Waste .....	12
4.2.2 Non-Hazardous Waste .....	14
4.3 Water Supply, Wastewater and Storm Water .....	14
4.3.1 Water Supply .....	14
4.3.2 Wastewater.....	15
4.3.3 Storm Water.....	15
4.4 Air Emissions .....	16
4.5 Environmental Noise, Nuisance and Complaints .....	16
4.6 Polychlorinated Biphenyls.....	16
4.7 Ozone Depleting Substances.....	16
4.8 Asbestos-containing Materials .....	16

4.9	Indications of On-Site Impacts .....	17
4.9.1	Visual Indication of On-Site Impacts.....	17
4.9.2	Regulatory Indication of On-Site Impacts .....	17
<b>5</b>	<b>Site and Area History</b>	<b>18</b>
5.1	Evaluation of Prior Environmental Reports .....	18
5.2	Evaluation of Available Historical Sources.....	26
5.2.1	Timeline of Site History.....	27
5.2.2	Discontinued Operations .....	28
5.2.3	Regulatory Findings.....	29
5.3	Summary of Surrounding Area History .....	31
<b>6</b>	<b>Conclusions and Opinions</b>	<b>32</b>
<b>7</b>	<b>Qualifications of Environmental Professional</b>	<b>35</b>
<b>8</b>	<b>Limitations</b>	<b>36</b>
8.1	General Limitations .....	36
8.2	ASTM Limitations .....	37

**List of Figures**

- Figure 1: Site Location Map
- Figure 2: Site and Surrounding Area Map

**List of Appendices**

- Appendix A: Site Photographs
- Appendix B: ASTM Definitions and Requirements
- Appendix C: 3<sup>rd</sup> Party Database Search Results
- Appendix D: Historical Sources
- Appendix E: Prior Environmental Reports Reference List
- Appendix F: Professional Profiles

# Executive Summary



ERM West, Inc. (“ERM”) was retained by NRG Energy Inc. NRG West Region (henceforth “NRG” or “Client”) to conduct a Phase I Environmental Site Assessment (“ESA”) of the NRG facility located at 301 Vista Del Mar, El Segundo, California (the “Site”). The Phase I ESA was conducted in general accordance with the scope and limitations of American Society for Testing and Materials Standard E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

A site visit was conducted on 1 October 2013 by Ms. Kate Mitsch and Mr. Kevin Bryan of ERM. ERM was accompanied by Mr. Scott Seipel from The Source Group, the on-Site registered professional for environmental oversight of the Units 1 & 2 demolition and reconstruction project. The Site is located on approximately 32 acres of land and is developed with the El Segundo Generating Station (ESGS). Land use surrounding the Site includes residential, industrial and recreational properties. The Site is located immediately adjacent to the Pacific Ocean to the west. The ESGS is a gas-fired electric generation station currently consisting of one operational gas-fired, ocean-cooled, steam-powered electric generating unit (Unit 4) and one non-operational unit (Unit 3). Also located on Site is the El Segundo Energy Center (ESEC) consisting of two gas-fired, air-cooled, electric generating units (Units 5 & 7) and two steam-powered, air-cooled, electric generating units (Units 6 & 8). Other Site features include various transformers, aboveground storage tanks (ASTs), gas compressor buildings, pipelines, water retention basin, and parking and laydown areas.

The Site was initially developed in the 1950s as an electricity generating station. Units 1 & 2 were constructed in the 1950s, and Units 3 & 4 were constructed in the 1960s. In general, operations have remained generally consistent at the Site since development in the 1950s. Unit 1 & 2 were demolished in 2009/2010, and the ESEC was essentially constructed in the footprint of the former units.

A Chevron refinery and marine oil terminal are located adjacent the Site to the north and across Vista Del Mar to the east. Releases from the Chevron El Segundo USA Refinery (Chevron Refinery) have resulted in soil and groundwater contamination beneath the entire Site. As part of the ESEC redevelopment, the entire former Units 1 & 2 area was excavated to between 8 and 10 feet below ground surface (bgs). Additionally, the northwest and southwest corners of the former Units 1 & 2 power block slab foundations were excavated to between 18 and 21 feet bgs to address polychlorinated biphenyl (PCB) hot spot areas. The Site is identified on the environmental database search report obtained for this project. Most of the listings are regulatory permit related and not indicative of a release or threat of release. The remainder of the listings are either insignificant or reference releases described in previous environmental documents, which were reviewed as part of the assessment. A number of surrounding sites were identified in the environmental database search report. However, with one exception – a number of releases related to the Chevron Refinery located to the east of the subject property – none of the surrounding sites are expected to have materially impacted the subject property.

Based on the data obtained during the Site visit, review of publicly available information sources, and interviews with persons familiar with the Site and its history, the following table lists environmental conditions identified at the Site.

## Summary of Identified Issues

### Recognized Environmental Conditions (RECs)<sup>1</sup>

*Known Impacts from the Chevron Refinery:* The Los Angeles Regional Water Quality Control Board (LARWQCB) issued Cleanup and Abatement Order No. 88-55 in 1988 directing Chevron USA to clean up a total petroleum hydrocarbon (TPH) and volatile organic compound release to soil and groundwater at the Chevron Refinery. Chevron USA installed a system of wells, connective piping, and an extraction system to recover petroleum hydrocarbons in groundwater from the Chevron Refinery and surrounding areas. In 1995, the LARWQCB issued a Revised Cleanup and Abatement Order No. 88-55 to Chevron Refinery for contaminant clean up in groundwater and soil vapor beneath the Site. Contaminated groundwater from the Chevron Refinery migrated beneath the Site and has been the subject of groundwater recovery and monitoring operations directed by Chevron USA. Although some degree of remediation has been completed, significant impact to groundwater remains and Chevron USA is regulatory-required to continue monitoring activities, including several wells on the Site. The groundwater impact from the Chevron Refinery is a REC at the site.

*Uninvestigated Areas of Concern (AOCs), Areas of Potential Concern (AOPCs) and Historic Site Use:* The RCRA Facility Investigation (RFI) Work Plan, dated 2010, identifies eight AOCs and 29 AOPCs at the Site. Several AOCs and AOPCs were addressed as part of the construction activities related to the ESEC; however, eight of these AOPCs have not been investigated and, therefore, the soil and groundwater in these areas may have been impacted through Site activities. It should be noted the AOCs and AOPCs identified in the RFI Work Plan are related to former Units 1 & 2, and additional AOPCs/AOCs may be identified during redevelopment of Units 3 & 4. Based on the long operating history of the Site, there could be soil contamination resulting from former equipment or processes of which there is no current visible indication or historical record. Based on discussions with facility personnel, these remaining AOCs and AOPCs will be addressed during the decommissioning and demolition of Units 3 & 4.

*Known Heavy Metal Impacts Associated with the Retention Basins:* The Site is identified on the Resource Conservation and Recovery Act Corrective Action database. This listing is related to the historic non-permitted discharge of hazardous wastes to the on-Site retention basins. The retention basins have historically been used to store wastewater that may contain oil, grease, and suspended solids from day-to-day plant operation. In the past, metals and acidic solutions from boiler cleaning were temporarily stored in the basins while being neutralized and treated to remove the metals. The wastewater from day-to-day operations was, and is currently, discharged to the ocean under the provisions of a National Pollutants Discharge Elimination System permit issued by the United States Environmental Protection Agency (USEPA). The temporary storage of acidic solutions containing metals was discontinued in the early 1990s. According to Southern California Edison (SCE), SCE retains responsibility under the contract of sale for environmental liability associated with the facility's historic operation of the retention basins. In 1996, under Department of Toxic Substances (DTSC) oversight, SCE began investigation of soil and groundwater beneath the basins and associated pipelines. Investigations conducted by SCE in the area of the retention basins found that soil and groundwater beneath, and at localized areas parallel to, the pipelines between the generating units and the retention basins have been impacted by heavy metals, primarily nickel and vanadium. SCE continues to perform periodic groundwater monitoring at wells surrounding the basins in accordance with a DTSC approved Sampling and Analysis Plan. SCE has submitted a Closure Plan for public review and comment and has received DTSC approval in July 2010. According to the most recent monitoring report reviewed, elevated concentrations of metals continue to be detected in groundwater at some monitoring locations. SCE is required to mitigate impacted soil and groundwater under DTSC oversight during closure activities.

*Known TPH-impacted Soil beneath Visitor Parking Area:* Two bulk ASTs were historically located in the southern portion of the Site, in the current parking and laydown area. The two tanks were demolished and removed from the Site in 2011 and 2013. Based on document reviews and interviews with facility personnel, the soil beneath the ASTs are impacted with hydrocarbons. Protective asphalt caps were installed to prevent infiltration of surface water/rainwater and keep facility personnel from coming into contact with impacted soil. The known presence of impacted soil in the current parking area is considered a REC. Based on conversations with facility personnel NRG will be conducting additional investigations to assess the impacted areas.

*Suspect Structures and Metal-impacted Soil:* Reportedly, boiler chemical waste was discharged to trenches/pits located adjacent to the west of the switchyard, and north of the Gas Compressor building. Two suspect features, potentially pits, are identified in this area on the 1956 aerial photograph. Between June 2010 and December 2011, a layer of black-

## Summary of Identified Issues

stained soil was encountered during excavations related to the construction of the Gas Compressor building. The black-stained soil appeared to be limited to the area north of the administration trailers. The stained soil ranged from 2 to 10 inches in thickness, and was encountered from approximately 4 to 8 feet bgs; black stained soil was also encountered in deeper soil near the entrance road where the ground surface elevation increases. In several locations, the soil beneath the black interval is stained yellow. The yellow staining extends from several inches to several feet below the black interval. Review of the laboratory results of samples collected from the black-stained soil indicates elevated concentrations of metals, particularly arsenic, lead, nickel and vanadium. In addition, several other metals detected were also detected above concentrations that would generally be considered background concentrations for this location. The presence of metal-impacted soil at the Site is considered a REC. Based on conversations with facility personnel, NRG will conduct further assessments as part of the decommissioning of Units 3 & 4.

*PCB-impacted Groundwater:* During the course of the redevelopment project, PCBs were detected at the soil-groundwater interface in two areas of the Site, the northwest and southwest corners of the former Units 1 & 2 foundations. Groundwater sampling conducted in July 2011 confirmed that PCBs were present in groundwater in the southwest area at concentrations ranging from approximately 2 to 10 parts per billion. PCBs were not detected in groundwater samples from the northwest area. The presence of PCB impacted groundwater from former operations at the site is considered an REC. NRG is in the process of implementing a groundwater assessment program.

### Historical Recognized Environmental Conditions (HRECs)<sup>2</sup>

*Former Units 1 & 2:* Twenty-nine AOPCs were identified at the Site. Twenty-one of the 29 AOPCs were located in the area of the current ESEC/former Units 1 & 2. The majority of the structures, with the exception of one small building associated with the former forklift repair shop and the firewater storage tank and associated fire pumps in the northeast corner of the ESEC area, have been demolished and the area was excavated to between 8 and 10 feet bgs across the entire ESEC project area. In addition, the northwest and southwest corners of the former Units 1 & 2 power block slab foundations were excavated to between 18 and 21 feet bgs to address PCB hot spot areas. Although these features have been assessed, and to the extent possible completely removed/remediated, due to the fact that the entire Site RCRA process is still active these AOPC are considered HRECs.

### De Minimis and Other Potential Issues

#### *De Minimis Issues<sup>4</sup>*

*De Minimis Staining:* Minor oil staining was noted on concrete floors at a number of locations in the basement and first floor of Units 3 & 4. The stains do not appear to present a material risk to public health or the environment, and generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

*Known Asbestos-containing Material (ACM) and Lead-based Paint (LBP):* ACM and LBP are present at the Site, mainly within Units 3 & 4. Prior to conducting any demolition work, materials must be tested for ACM. Painted surfaces must be tested to determine if they contain lead. All confirmed ACM and LBP should be disposed of as hazardous waste in accordance with applicable regulations.

*Historic Railroad:* The Pacific Electric Railroad historically traversed the Site. According to facility personnel, during various excavation activities, wood ties from the former railroad were commonly uncovered. Railroad wood ties were historically treated with various chemical mixtures, such as copper chromate arsenic, to prevent deterioration. When uncovered, wood identified as potentially being related to the former railway must be handled as a hazardous waste unless testing dictates otherwise.

*Historical Releases:* Historical releases at the Site were reported in the Emergency Response Notification System and California Hazardous Material Incident Reporting System databases. Based on the database listings, each release was satisfactorily addressed at the time of the incident.

<sup>(1)</sup> The term "recognized environmental condition" means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products, even under conditions in compliance with laws.

- (2) The term “historical recognized environmental condition” means an environmental condition which, in the past, would have been considered a REC, but which may or may not be considered a REC currently.
- (4) De minimis issues are considered to be minor in nature and are issues that generally do not present a threat to human health or the environment, and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not RECs.

# 1 Introduction and Background



## 1.1 Purpose and Auditors

ERM West, Inc. (“ERM”) was retained by NRG Energy, Inc. NRG West Region (henceforth “NRG” or “Client”) to conduct a Phase I Environmental Site Assessment (“ESA”) of the NRG facility located at 301 Vista Del Mar, El Segundo, California (the “Site” or “subject property”). The Phase I ESA was conducted in general accordance with the scope and limitations of American Society for Testing and Materials (ASTM) Standard E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

The Site visit was performed on 1 October 2013 by ERM assessors Ms. Kate Mitsch and Mr. Kevin Bryan. ERM was accompanied on the Site visit by Mr. Scott Seipel from The Source Group, the on-site registered professional for environmental oversight of the Unit 1 & 2 demolition and reconstruction project.

## 1.2 Scope of Work

This environmental assessment was conducted in conformance with ERM’s proposal dated September 2013 and with the general requirements of *American Society for Testing and Materials (ASTM) Standard E 1527-05; Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and the standards for conducting all appropriate inquiries set forth by the United States Environmental Protection Agency (USEPA) at *40 Code of Federal Regulations (CFR) Part 312*.

The assessment was conducted to evaluate and identify conditions indicative of releases and threatened releases of hazardous substances and petroleum products on, at, in or to the Site. ERM’s Phase I ESA sought to gather information regarding: (1) current and past property users and occupancies; (2) current and past users of hazardous substances and petroleum products; (3) waste management and disposal activities that could have caused a release or threatened release of hazardous substances; (4) current and past corrective actions and response activities to address past and ongoing releases of hazardous substances at the Site; (5) engineering controls at the Site; (6) institutional controls at the Site; and (7) properties adjoining or located near the Site that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the Site.

The scope of this Phase I ESA included:

- An on-Site inspection to evaluate current conditions and identify areas of potential concern (AOPCs);
- A review of Site and Site area history through interviews and a review of various historical sources as referenced in Section 5 below;
- Observation of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the Site;
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of a 3<sup>rd</sup> Party database search provider, Environmental Data Resources, Inc. (EDR), to identify regulatory listed sites as required in the regulatory records review section of the ASTM standard for Phase I ESAs, where available; and

- Interviews and/or requests for information from the user and Site owner, as deemed appropriate by the Environmental Professional.

A preliminary building asbestos assessment was also conducted. The asbestos assessment was limited to visible observations of readily accessible building areas only. No sampling was conducted.

### **1.3 Limiting and Special Conditions**

#### *1.3.1 Limiting Conditions Encountered During the Site Visit*

No limiting conditions were encountered during the Site visit.

#### *1.3.2 Significant Assumptions*

No significant assumptions have been made.

## 2 Site Setting



### 2.1 Location

The site is located inside the southernmost boundary of the City of El Segundo on the coast of the Pacific Ocean, between Dockweiler State Beach and the City of Manhattan Beach, in Los Angeles County. The general location of the Site and the physiographic features of the surrounding area are shown on Figure 1, developed from portions of the United States Geological Survey 7.5-minute quadrangles for Venice, California, dated 1981.

### 2.2 Topography and Hydrology

The topography at the Site slopes from approximately 90 feet above mean sea level (“AMSL”) along the eastern Site boundary to approximately 20 to 40 feet AMSL along the western side of the Site. The Site also slopes slightly to the south. The nearest surface water body is the Pacific Ocean, located adjacent the Site to the west.

### 2.3 Geology and Hydrogeology

A study of the hydrogeology beneath the Site was completed in January 1986 by Dames & Moore and is presented in a report titled, “Hydrogeological Assessment Report (HAR), El Segundo Generating Station” (ESGS). The following information was obtained from the HAR:

The units immediately underlying the Site consist of a series of unconsolidated shallow marine and continental deposits of Pleistocene and Holocene age. In general, the shallow subsurface stratigraphy below the station property is divided into three hydrologic units. In downward stratigraphic succession, these units are: 1) Old Dune Sand-Gage Aquifer, 2) El Segundo Aquitard, and 3) Silverado Aquifer. The Old Dune Sand and Gage aquifers are merged beneath the Site. The Old Dune Sand-Gage Aquifer consists of fine-to coarse-grained sand and fine gravel with minor interbeds of silt and clay. The base of the merged aquifer is approximately 58 feet below ground surface (bgs). The aquifer thickness varies from about 55 to 70 feet, depending upon the surface elevation.

The El Segundo Aquitard underlies the Old Dune Sand-Gage Aquifer and separates it from the Silverado Aquifer. It consists of dark gray to blue-gray clay and silty clay. The basal silt and clay contains shell fragments with interbedded gray and brown fine to medium sand. The thickness of the aquitard varies from about 10 feet at the northern edge of the station property to about 20 feet beneath the central portion of the station property. The Silverado Aquifer consists of fine-to coarse-grained sand and gravel. The thickness of the aquifer is believed to be at least 105 to 125 feet.

Groundwater flow in the Old Dune Sand-Gage Aquifer beneath the Site is to the west or northwest, toward the ocean. Based on monitoring well data (from wells adjacent to the retention basin), groundwater is approximately 15 to 19 feet bgs. Groundwater elevation beneath the Site is only slightly influenced by tidal fluctuations. Groundwater flow direction to the west is regionally control by the West Coast Basin Barrier Project, which injects treated imported and reclaimed wastewater into aquifers to prevent seawater intrusion eastward of the barrier. The Los Angeles County Flood Control district began this project in 1963 and presently extends from the Los Angeles International Airport to Palos Verdes and includes over 153 injection wells and 293 observation wells.

The California Regional Water Quality Control Board, Los Angeles Region (LARWQCB), Resolution No. 98-018, defines the groundwater beneath the Site as: “...(1) not an existing source of drinking water; (2) lies seaward of a well-

established engineering barrier or have a gradient such that the coastal ground waters will not replenish sources of drinking water; and (3) they meet the exception criteria in State Board Resolution No. 88-63 based on either TDS levels or the ability to provide and average sustained yield of 200 gallons per day.” The specific area defined in State Board Resolution 98-018 is, “The West Basin portion of the Los Angeles Coastal Plain underlying the Chevron Refinery in El Segundo and nearby areas, as defined by the Pacific Ocean to the west; Imperial Highway to the north; Sepulveda Boulevard to the east; Valley Boulevard and 15<sup>th</sup> Street to the south.”

## 2.4 Surrounding Land Use

### 2.4.1 Neighboring Properties

Land use in the area of the Site includes residential, commercial, and light industrial land. The Site and surrounding areas are shown on Figure 2. The adjacent properties and nearby land use, as observed by ERM at the time of the Site inspection, are as follows:

- *North:* The Chevron Marine Terminal;
- *South:* 45<sup>th</sup> Street and a residential neighborhood in the City of Manhattan Beach;
- *East:* Southern California Edison switchyard adjoins the central portion of the Site and Vista Del Mar Boulevard borders the majority of the Site to east, beyond which is a Chevron El Segundo USA Refinery (Chevron Refinery). A Chevron gasoline filling station is located adjacent to the southeast corner of the Site; and
- *West:* A pedestrian walk/bike path, beyond which is Manhattan Beach and Santa Monica Bay of the Pacific Ocean.

### 2.4.2 Potential Off-Site Contamination Sources

To the extent possible from the right-of-ways and the Site boundary, ERM observed neighboring properties. Based on ERM's review of the environmental database search report obtained from EDR and available municipal agency information sources, the following surrounding properties were identified that appear to represent a potential or known impact to the Site.

- *Chevron Refinery* – The Los Angeles Regional Water Quality Control Board (LARWQCB) issued Cleanup and Abatement Order No. 88-55 in 1988 directing Chevron USA to clean up a total petroleum hydrocarbon (TPH) and volatile organic compound (VOC) release to soil and groundwater at the Chevron Refinery. Chevron USA installed a system of wells, connective piping, and an extraction system to recover petroleum hydrocarbons in groundwater from the Chevron Refinery and surrounding areas. In 1995, the LARWQCB issued a Revised Cleanup and Abatement Order No. 88-55 to Chevron Refinery for contaminant clean up in groundwater and soil vapor beneath the Site. Contaminated groundwater from the Chevron Refinery migrated beneath the Site and has been the subject of groundwater recovery and monitoring operations by Chevron USA. Although some degree of remediation has been completed, significant impact remains and Chevron USA is required to continue monitoring activities, including several wells on the Site. The groundwater plume from the Chevron Refinery is a recognized environmental condition (REC) at the site.
- *Plains Cutter Tank* – SCE has performed several soil investigations at the Cutter Stock tank. These investigations have revealed the presence of petroleum hydrocarbons in soil in at least several locations. According to facility personnel, there have been at least two much more recent releases associated with the Cutter Stock tank. These releases were addressed by the tank owner, Plains Pipeline Company, reportedly with the involvement of the regulatory authority for petroleum pipelines, the California Office of the State Fire Marshal. As of the date of this report, no reports or other documentation has been made available to more completely describe these incidents and their resolution.

A Chevron retail gasoline filling station is adjacent to the southeast corner of the Site along Vista Del Mar. No reported releases have occurred from this facility.

No additional surrounding properties were identified that appear to represent a potential for impact to the Site. A detailed discussion of ERM's review of the EDR database search can be found in Appendix C.

## 2.5 Sensitive Receptors

Based on ERM's observations of the surrounding area, GoogleEarth satellite/aerial imagery, and/or review of available information sources, the following sensitive receptors were identified within close proximity of the Site:

**Table 2-1 Sensitive Receptors in Close Proximity to Site**

Receptor	Distance	Direction	Hydrogeological gradient with respect to Site
Residences	Adjacent	South	Cross
Manhattan Beach	Adjacent	West	Down
Pacific Ocean	200 feet	West	Down

## 3 Site Description and Operations Information



### 3.1 Ownership Information

According to information obtained from the facility representatives, the ESEC is owned by El Segundo Energy Center LLC, (ESEC) a wholly owned subsidiary of NRG. The area of Units 3 & 4 is owned by El Segundo Power, LLC. The parking and laydown area (the former tank farm) is owned by El Segundo Power II LLC North and South.

### 3.2 Site Layout

The 32.8-acre Site is situated on four parcels of land located on the west side of Vista del Mar Avenue. The tax identification numbers for these parcels are 4138-029-800, 4138-029-802, 4138-029-803, and 4138-029-004.

The Site is accessed through a main gate located along Vista del Mar Avenue. A guardhouse is located just inside the main gate. A paved access road extends from the main gate to the bottom of a hill to the main level of the Site. The access road traverses the steep hillside on the eastern portion of the property, which slopes from Vista del Mar Boulevard to the Pacific Ocean. The hillside is improved with concrete retaining walls, some utility lines, and several large electrical transmission line towers but is otherwise an unimproved, vegetated area. An ammonia underground storage tank (UST), cell tower site, and a former helipad are located along the access road.

The predominant structures at the ESGS include the power blocks with the generating units, ocean water intake/outfall structure, administration office trailers, several temporary construction trailers, paved roadways and parking areas, transformers, and the retention basins. The power blocks contain the turbines, generators, operator control room, turbine lube oil system, air pollution control devices, multilevel steel boiler structures, and multiple electrical transformers. In general, the Site is divided into the following areas:

#### El Segundo Energy Center

The 6.5-acre ESEC is located on the northern portion of the Site and consists of a gas turbine generator, a heat recovery steam generator (HRSG), and a steam turbine generator utilizing air-cooled heat exchangers for cycle heat rejection. Water/steam cycle wastewater is recycled back to the single-pressure reverse osmosis water storage tank, where the wastewater is diluted for reuse as evaporative cooler makeup or reprocessed by mobile demineralizers. With the zero liquid discharge system, water/steam cycle wastewater is recycled and reused to the extent practicable. The ESEC was constructed between 2011 and 2013. Information related to remedial activities conducted in the area of the ESEC is discussed in applicable sections of this report.

#### Units 3 & 4 Area

The approximately 8.5 acres immediately south of the ESEC is developed with Units 3 & 4. Only Unit 4 was operational at the time of the assessment. Units 3 & 4 are mirror image, multi-story superstructures housing two natural gas-fired boilers and steam turbines, two 200-foot-tall exhaust stacks and associated equipment, including air pollution control systems, steam and cooling water systems, power transformers, switchgear, and numerous other electrical and mechanical systems. Various support structures surround the units, including the ocean water intake and discharge

facilities, live animal tank, water demineralization systems and associated vertical storage tanks, warehouse, fire pumps, and maintenance shops. Large power transformers are located on the east side of Units 3 & 4 and are situated within a concrete containment structure. The transformers are labeled “Non-PCB.”

### Retention Basins and Parking and Laydown Areas

The 15-acre area to the south of Units 3 & 4 consists of several administrations trailers, a Gas Compressor building, hazardous waste storage area, a hazardous waste condensate tank, a Gas Metering Station, the retention basin, visitor parking area, and a storm water drain and swale. The Gas Compressor building contains four gas compressors and was constructed between 2012 and 2013 to service the ESEC. A small outbuilding is located on the east side of the retention basin and contains a sodium hypochlorite aboveground storage tank (AST). The “retention basin” consists of two basins designated as the: 1) retention basin and 2) boiler chemical cleaning basin (BCCB) (collectively termed the “retention basin”). The BCCB portion of the retention basin is currently used intermittently. The retention basin is open, above grade level, and has a total capacity of 837,000 gallons. The basin is lined with 6 inches of asphalt concrete topped with 80 millimeters of high-density polyethylene. At least 2 feet of freeboard is maintained in the retention basin during normal operations. The retention basin currently receives non-hazardous waste industrial wastewater discharges from Units 3 & 4. The retention basin is discussed in more detail in applicable sections of this report. A storm water drain and swale is located at the southwestern corner of the Site. No power generating activities are located on this portion of the Site.

The following areas within the Site boundary were not included as part of this assessment. A switchyard is located along the access road. According to facility representatives, the switchyard is owned and maintained by Southern California Edison (SCE). A gas pipeline runs alongside the main access road and a metering station system is located northeast of the retention basin that. This gas pipeline supplies the Site with natural gas. NRG leases a small area of the Site to Plains All American Pipeline LP (Plains). A 1,806,000-gallon cutter oil AST and pipeline are located on the area leased to Plains. This leased area is not included in the scope of this assessment.

The majority of the Site is paved with asphalt and concrete, including the parking areas and driveways, the loading area, and the storage areas. The total impervious area of the Site, including paved areas and buildings, is approximately 72 percent of the site. The remaining 9.3 acres (28 percent of the Site) is pervious ground surface. The majority of the pervious ground surface comes from vegetated slopes along the eastern border of the Site and in the south and southwest corners. The entire Site is surrounded by a fence or wall to prevent unauthorized access.

A Site Plan is provided as Figure 2. Photographs of the Site are included as Appendix A.

### **3.3 Current Operations**

The ESGS is a gas-fired electric generation station consisting of one gas-fired, hydrogen-cooled, electric generating unit (Unit 4) and the ESEC: two gas-fired, air-cooled, electric generating units and two steam-powered, air-cooled, electric generating units. The station is powered by gaseous fuel supplied from the Southern California Gas Company natural gas metering. From the SCE 220-kilovolt switchyard, electricity is transmitted to users by the existing transmission and distribution network. Unit 3 is shutdown and currently being decommissioned.

Unit 4 uses a once-through cooling method, which involves drawing in ocean water as a cooling media and then discharging through the ocean outfall. ESGS uses sodium hypochlorite to periodically dose the Unit 4 intake cooling water prior to the condensers for algae control. Sodium hypochlorite is stored in a 500-gallon high-density polyethylene (HDPE) double-walled tank, located within a containment dike north of Unit 3 and is covered. ESGS periodically does the retention basin for algae control prior to the retention basin effluent comingles with the cooling water intake/discharge at Unit 3 & 4 forebay/outfall. Sodium hypochlorite used to does the retention basin is stored in a 500-gallon HDPE double-walled tank that is stored in a covered storage building on the east side of the industrial

wastewater retention basin. The newer units, Power Blocks 5 and 7, utilize recycled water from the Site's water treatment plant to cool the units, resulting in zero process water discharge to the ocean.

Ancillary operations at the Site consist of general maintenance activities, laboratory activities, administration, and water treatment. The Site operates under Standard Industrial Classification code: 4911 Electrical Services.

### **3.4 Utilities**

According to Mr. Seipel, the Site is provided with the following utilities:

- Water for sanitary and drinking use from the City of El Segundo and Manhattan Beach (backup only); and
- Sewer service from the City of Manhattan Beach.

The Site provides its own electricity. A septic tank and leach field is utilized for the collection of sanitary waste from the guardhouse. Sanitary waste from Units 3 & 4 is discharged to a septic tank prior to being pumped to the sanitary Sewer.

## 4 Site Observations



### 4.1 Material Use and Storage

#### 4.1.1 Underground Storage Tanks

The Site currently utilizes one 20,000-gallon UST for the storage of aqueous ammonia. The UST is of double-walled, fiberglass reinforced plastic clad, carbon steel tank construction and is equipped with liquid level and overfill prevention, pressure relief valves, vacuum breaker, flame arrestor, and temperature and pressure reference level indicators. A continuous leak detection system is provided with interstitial liquid sensors at each end of the tank bottom and local vapor detectors that are continuously monitored in the operator control room. The UST contains three supply pumps (one active and two standbys) that transfer the aqueous ammonia into the pipeline. The pipeline is both above and below ground: stainless steel above ground piping and double-walled with interstitial leak detection below ground. No releases from the UST have been reported. Former USTs at the Site are discussed in Section 5.

#### 4.1.2 Aboveground Storage Tanks

According to facility personnel and ERM observations, numerous ASTs and oil-containing equipment are located at the Site, as discussed below in Table 4-1.

**Table 4-1 Current Aboveground Storage Tanks**

ID #	Contents	Capacity (gallons)	Material of Construction	Year Installed	Location	Secondary Containment
Demineralized Water	Demineralized Water	400,000	Metal	2010-2012	South Side of Unit 3 & 4	No
Raw Water	Raw Water	400,000	Metal	2010-2012	South Side of Unit 3 & 4	No
Mixing Water	Mixing Water	60,000	Metal	2010-2012	South Side of Unit 3 & 4	No
Fire Water	Fire Water	400,000	Metal	2010 – 2012	South Side of Unit 3 & 4	No
Boiler Blowdown Flash Tank	High Conductivity Boiler Water	6,000	Metal	2010-2012	South Side of Unit 3 & 4	Yes
Sodium Bisulfate 40%	Sodium Bisulfate 40%	250	Unknown	Unknown	West Side of Unit 3 & 4	No
Sodium Hydroxide	Sodium Hydroxide	250	Unknown	Unknown	Unit 3 Chemical Feed Area	No
Sodium Hypochlorite	Sodium Hypochlorite	500	Unknown	Unknown	East of retention basin is stored inside of a building	Yes
Sodium Hypochlorite	Sodium Hypochlorite	500	Unknown	Unknown	Tank located north of Unit 3	Yes
Vitec 3000	Vitec 3000	275	Unknown	Unknown	West Side of Unit	Unknown

ID #	Contents	Capacity (gallons)	Material of Construction	Year Installed	Location	Secondary Containment
					3 & 4	
Hydrogen Seal Oil Tank	Lubricating Oil	150	Steel	1965	Unit 4 Turbine Deck	No
Hydraulic Oil Coupling Reservoir	Lubricating Oil	900	Steel	1965	Unit 4 Turbine Deck	No
Turbo Toc	Lubricating Oil	250	Steel	2006	South Side of Unit 3	Yes
Lube Oil Reservoir	Lubricating Oil	8,000	Steel	1965	South Side of Unit 3	No
Lube Oil Conditioner	Lubricating Oil	1,650	Steel	1965	South Side of Unit 3	No
Hydrogen Seal Oil Tank	Lubricating Oil	150	Steel	1965	Unit 3 Aux Bay	No
Hydraulic Oil Coupling Reservoir	Lubricating Oil	900	Steel	1965	Unit 3 Turbine Deck	No
Main Transformer	Mineral Oil	11,325	Steel	1965	East Side of Unit 3	Yes
Auxiliary Transformer	Mineral Oil	3,300	Steel	1965	East Side of Unit 3	Yes
Reserve Auxiliary Transformer	Mineral Oil	3,525	Steel	1965	East Side of Unit 3	Yes
Main Transformer	Mineral Oil	13,850	Steel	1965	East Side of Unit 4	Yes
Auxiliary Transformer	Mineral Oil	3,300	Steel	1965	East Side of Unit 3	Yes
Neutral Reactor	Mineral Oil	750	Steel	1965	East Side of Unit 3	Yes
Service Station Transformer	Mineral Oil	650	Steel	1965	West Side of Units 3 & 4	Yes
Service Station Transformer	Mineral Oil	650	Steel	1965	North Side of Units 3 & 4	Yes
Boiler Circulation Pump Transfer	Mineral Oil	412 x 3	Steel	1965	Unit 3 Boiler	Yes
Boiler Circulation Pump Transfer	Mineral Oil	412 x 3	Steel	1965	Unit 4 Boiler	Yes
Lube Oil Reservoir	Lubricating Oil	8,000	Other	1965	Unit 4 Aux Bay	Yes
Lube Oil Conditioner	Lubricating Oil	1,650	Other	1965	Unit 4 Aux Bay	Yes
	Turbine Lube Oil Transfer Tank	8,700	Steel	2012	North of Unit 3	Yes
Gas Compressor Drain Tank	Waste Condensate	110	Steel	2012	North of Gas Compressor Building	Yes
BOP LV Transformer	Mineral Oil	314	Steel	2012	West Side of Unit 8	Yes
Unit 5 Gas Turbine (GT) Lube Oil System	Lube Oil	5,157	Steel	2012	North Side of Unit 5	Yes
Unit 5 GT Hydraulic Oil Reservoir	Hydraulic Oil	100	Steel	2012	East Side of Unit 5	Yes
Unit 7 GT Lube Oil System	Lube Oil	5,175	Steel	2012	North Side of Unit 7	Yes
Unit 7 GT Hydraulic Oil Reservoir	Hydraulic Oil	100	Steel	2012	East Side of Unit 7	Yes
Unit 6 Steam Turbine (ST) Lube Oil System	Lube Oil	1,665	Steel	2012	Unit 6 Oil Containment Pit	Yes
Unit 8 ST Lube Oil System	Lube Oil	1,665	Steel	2012	Unit 8 Oil Containment Pit	Yes

<b>ID #</b>	<b>Contents</b>	<b>Capacity (gallons)</b>	<b>Material of Construction</b>	<b>Year Installed</b>	<b>Location</b>	<b>Secondary Containment</b>
Unit 6 ST Hydraulic Oil	Hydraulic Oil	156	Steel	2012	Unit 6 Oil Containment Pit	Yes
Unit 8 ST Hydraulic Oil	Hydraulic Oil	156	Steel	2012	Unit 8 Oil Containment Pit	Yes
Unit 6 ST Hydraulic Bypass Control Valve	Hydraulic Oil	80	Steel	2012	Unit 8 Oil Containment Pit	Yes
Fuel Gas Compressor	Lube Oil	420	Steel	2012	Fuel Gas Compressor Building	Yes
T-FW-1	Mineral Oil	355	Steel	2012	South of Unit 4	Yes
Auxiliary Transformer	Mineral Oil	1,570	Steel	2012	East Side of Unit 5	Yes
GT Generator Step Up Transformer	Mineral Oil	14,596	Steel	2012	East Side of Unit 5	Yes
GT Low Voltage (LV) Transformer	Mineral Oil	314	Steel	2012	East Side of Unit 5	Yes
ST Generator Step Up Transformer	Mineral Oil	9,355	Steel	2012	East Side of Unit 6	Yes
ST LV Transformer	Mineral Oil	314	Steel	2012	West Side of Unit 6	Yes
ACHE LV Transformer	Mineral Oil	314	Steel	2012	West Side of Unit 6	Yes
ACHE LV Transformer	Mineral Oil	314	Steel	2012	West Side of Unit 6	Yes
BOP LV Transformer	Mineral Oil	314	Steel	2012	East Side of Unit 7	Yes
Auxiliary Transformer	Mineral Oil	1,570	Steel	2012	East Side of Unit 7	Yes
GT Generator Step Up Transformer	Mineral Oil	14,596	Steel	2012	East Side of Unit 7	Yes
GT LV Transformer	Mineral Oil	314	Steel	2012	East Side of Unit 7	Yes
ST Generator Step Up Transformer	Mineral Oil	9,335	Steel	2012	East Side of Unit 8	Yes
ST LV Transformer	Mineral Oil	314	Steel	2012	East Side of Unit 8	Yes
ACHE LV Transformer	Mineral Oil	314	Steel	2012	West Side of Unit 8	Yes
ACHE LV Transformer	Mineral Oil	314	Steel	2012	West Side of Unit 8	Yes

Based on the date of installation of the ASTs and oil-containing equipment associated with Units 3 & 4, there is potential for historic releases of materials to have impacted the soil and/or groundwater at the Site. De minimus staining on concrete floors was noted near oil-containing equipment with Units 3 & 4.

#### 4.1.3 Non-Bulk Storage

According to the Site's 2013 Hazardous Materials Business Plan, the Storm Water Pollution Prevention Plan and the Site's Hazardous Chemical Inventory, the following chemicals are stored at the Site:

Chemical							Location
	Cylinder	Tote Bin	Drum	Equipment	Can	Transformer	
Compressed Gases	✓						Various Locations
Aqua Ammonia 19%		✓					Units 6 & 8 Chemical Dosing Skids; Units 3, 4, 6, & 8 Aqueous Ammonia Injection Skids
Diesel Fuel				✓			Various Work Locations
Dust Retardant		✓					South of Fuel Oil Storage Tank
Elymin-ox oxygen scavenger		✓					Under Unit 3 boiler
FM-200 (1,1,1,2,3,3,3-heptafluoropropane)	✓						Units 5 & 7 Gas Turbine Enclosure
Gasoline					✓		Various Locations
Grease		✓					Unit 4 Oil Storage Area
Hydrogen	✓						Hydrogen Storage Area and Units 3 & 4 Generators
Sulfuric acid				✓			Unit 3 & 4 Battery Room, Unit 5 & 7 GT Electrical Room, UNIT 6 & 8 Steam Turbine, BOP & PLANT, & ACHE Power control centers
Mineral Oil, Compressor Oil			✓			✓	Various Locations
NALCO 7330, 8338, BT-1000, LCS-20		✓					Under Unit #3 Boiler
Liquid Nitrogen	✓						West of Unit 7 and North of Unit 3
Oxygen	✓						Various Locations
Propane	✓						Various Location
Propylene Glycol Solution 20-40%				✓			Units 5 & 7 boiler feed water & lube oil cooler and sampling container
SimpleGreen (Cleaner Degreaser)			✓				Unit 4 Lube Storage Area
Sulfur Hexafluoride						✓	Unit 5, 6, 7 & 8 Transformers and Generator Circuit Breaker
Trisodium phosphate			✓				
Hydraulic Oil				✓			Forklifts, Cranes and heavy equipment

Hazardous materials are stored throughout the Site. No significant staining was noted in hazardous material storage areas observed by ERM. The Site is identified on the Emergency Response Notification System (ERNS) and California Hazardous Material Incident Reporting System (CHMIRS) databases for various spills and releases that have occurred on Site.

## 4.2 Waste Management

### 4.2.1 Hazardous Waste

The Site is a Large Quantity Generator (LQG) of hazardous waste. The following USEPA identification numbers are associated with the Site address:

USEPA ID Number	Generator Name	Generator Type	Regulatory Status
CAR000114207	El Segundo Power II LLC North and South	LQG and Small Quantity Generator (SQG)	No Violations
CAD000630962	El Segundo Power,	LQG, SQG and	Entire Facility

	LLC	Corrective Action	Historical Non-Operating
CAR000036848	EI Segundo Power, LLC	LQG and SQG	No Violations
CAR000186189	EI Segundo Power Plant	LQG	No Violations
CAR000208090	ESEC LLC	LQG	No violations

Hazardous wastes generated at ESGS are primarily stored in drums and totes inside of a covered 'Hazardous Waste Storage and Accumulation Area' with concrete dike containment. Wastes are transported off Site by way of truck by a 3<sup>rd</sup> party waste management contractor. Satellite accumulation areas are located within the ESEC and Units 3 & 4. In general, hazardous wastes generated at the Site include:

RCRA Hazardous Wastes	Non-RCRA Hazardous Waste	Universal Waste
<ul style="list-style-type: none"> <li>Waste liquid drilling mud VOC</li> <li>Waste liquid paint waste and thinner</li> <li>Waste lubricating oil</li> <li>Waste mercury – broken fluorescent bulbs</li> <li>Waste mercury thiocyanate</li> <li>Waste oil solids</li> <li>Waste paint related materials</li> <li>Waste polyvinyl chloride primer containers</li> <li>Sand blast grit with lead</li> <li>Waste solid ammonia</li> <li>Waste solid/lead (paint chips)</li> <li>Waste sulfuric acid</li> <li>Waste TPH soil</li> <li>Waste VOC soil greater than 50 parts per million (ppm)</li> <li>Waste VOC water</li> <li>Waste asbestos</li> <li>Waste aqueous ammonia</li> <li>Waste aerosol cans</li> <li>Waste (sulfuric acid) lead acid battery electrolyte</li> </ul>	<ul style="list-style-type: none"> <li>Waste ballast rock and debris</li> <li>Waste cation resin beads rinse water</li> <li>Waste concrete wash water</li> <li>Waste lab packs</li> <li>Waste metal shaving</li> <li>Waste metals impacted soil</li> <li>Waste mineral oil</li> <li>Waste natural gas condensate</li> <li>Oily water</li> <li>Waste rinse water w/ trace of ammonia 1%</li> <li>Waste rinse water w/ trace of ammonia</li> <li>Waste soil with elevated vanadium</li> </ul>	<ul style="list-style-type: none"> <li>Computers</li> <li>Lighting</li> <li>Batteries</li> </ul>

De minimus staining was observed in satellite accumulation and hazardous waste storage areas. No floor drains were noted in the area of hazardous waste storage. Additionally, the flooring surrounding the hazardous waste storage areas appeared to be in good condition with no cracking. Based on ERM's observations, current hazardous waste handling and storage practices are unlikely to adversely impact soil and groundwater at the Site.

The Site is identified on the Resources Conservation and Recovery Act (RCRA) Corrective Action database. This listing is related to the historic non-permitted discharge of hazardous wastes to the on-Site retention basin. The retention basin has historically been used to store wastewater that may contain oil, grease, and suspended solids from day-to-day plant operation. In the past, metals and acidic solutions from boiler cleaning were temporarily stored in the retention basin while being neutralized and treated to remove the metals. The wastewater from day-to-day operations was, and is currently, discharged to the ocean under the provisions of a National Pollutants Discharge Elimination System (NPDES) permit issued by the USEPA. The temporary storage of acidic solutions containing metals was discontinued in the early 1990s. According to SCE, these liquids were never discharged to the ocean. SCE retains responsibility under the contract of sale for environmental liability associated with the facility's historic operation of the retention basin.

In 1996, under Department of Toxic Substances Control (DTSC) oversight, SCE began investigating soil and groundwater beneath the retention basin and associated pipelines. Investigations conducted by SCE in the area of the retention basin found that soil and groundwater beneath, and localized areas along, the pipelines between the generating units and the retention basin have been impacted by heavy metals, primarily nickel and vanadium, in soil and groundwater basins. SCE continues to perform periodic groundwater monitoring at wells surrounding the retention basin in support of a Closure Plan, which has been submitted to the DTSC. According to the most recent monitoring report, elevated concentrations of several metals continue to be observed in groundwater at some locations. SCE prepared a Closure Plan, dated June 10, 2010, to address impacted soils beneath the retention basin and associated appurtenances. The Closure Plan was publicly circulated for 30-day review between June 14, 2010 and July 14, 2010. Following the public notice period, the Closure Plan was approved on July 23, 2010. It is NRG's understanding that SCE intends to implement the Closure Plan in early 2016 when the retention basin is no longer needed to support ESG's operations. ESG expects to shutdown Unit 4 on or before December 31, 2015 as a means of complying with the Statewide Water Quality Control Policy on the Use of Coastal and Estuarine Waters for Power Plant Cooling (State Water Resource Control Board, October 1, 2012) <sup>1</sup>.

The hazardous waste storage area has been used as a hazardous waste storage area for many years. No information related to hazardous waste management is provided. This area has been identified as an AOPC in the Site's RFI Work Plan.

According to previous subsurface investigations, AECOM conducted soil, soil gas and groundwater sampling prior to excavation activities of the former hazardous materials area. VOCs and TPH above soil screening levels (SSLs) were detected at 14 feet bgs. Soil gas results were less than the California Human Health Screening Levels (CHHSLs) for shallow soil gas in a commercial/industrial land use scenario. Groundwater had detectable concentrations of TPH, VOCs, and metals. The TPH and VOC results are typically considered attributable to the offsite Chevron Refinery plume. A small area of concrete with yellow discoloration in the upper 1 to 2 inches was identified in the northwest corner of the former Materials Warehouse. A sample was collected and analyzed for metals, polychlorinated biphenyls (PCBs), TPH and VOCs. All results were non-detect or below SSLs, with the exception of chromium VI. All concrete and soil within a 20-foot by 20-foot area was excavated to 3 feet bgs. Verification sampling was conducted to confirm the soil was not impacted by chromium. Based on the analytical results, this area no longer represents a significant environmental concern. Previous reports associated with this area are further discussed in Section 5.1.

#### 4.2.2 *Non-Hazardous Waste*

Non-hazardous wastes generated at the Site consist of general refuse, scrap metal, sweeper dust and recyclable materials. Non-hazardous wastes are collected in trash barrels and dumpsters located throughout the Site. Wastes are collected and disposed off-Site by a 3<sup>rd</sup> party contractor. ERM did not observe evidence of solid waste disposal on the Site at the time of the Site visit.

### 4.3 **Water Supply, Wastewater and Storm Water**

#### 4.3.1 *Water Supply*

Water at the Site is used for potable and sanitary purposes, irrigation, emergency supply and non-contact cooling water. The facility obtains water for potable, sanitary and emergency use from the City of El Segundo and the City of Manhattan Beach. The main source of potable water is from the City of El Segundo; the City of Manhattan Beach provides limited potable water and water for emergency purposes. Reclaimed water from wastewater from an off-Site wastewater treatment plant is used for irrigation and industrial uses. Water for non-contact cooling in Unit 4 is pulled

---

<sup>1</sup> [http://www.swrcb.ca.gov/water\\_issues/programs/ocean/cwa316/docs/policy100110.pdf](http://www.swrcb.ca.gov/water_issues/programs/ocean/cwa316/docs/policy100110.pdf)

directly from the Pacific Ocean. Domestic water supplied by the City of El Segundo is processed through a reverse osmosis treatment system before being used in Unit 4. Treated water is stored in an AST located to the west of Unit 4.

No groundwater extraction wells were observed during the Site visit.

#### 4.3.2 Wastewater

Wastewater discharges from the Site consist of cooling water, industrial process wastewater, sanitary wastewater and storm water. The Site discharges up to 199.8 million gallons per day of both storm water and non-storm water, as defined below. Storm water and non-storm water are mixed together through common drains before being expelled to the Pacific Ocean. Authorized non-storm water sources identified in the ESGS's Site-specific Permit and General Permit include the following:

- Once-through cooling water from Power Block Unit 4;
- Treated wastes from the industrial wastewater retention basin;
- In-plant wastewater, which consists of power block floor drain wastes, boiler blowdown, industrial wastewater retention basin liquids, condenser sump water, and laboratory drains;
- Fire hydrant flushing;
- Potable water sources;
- Landscape irrigation;
- Atmospheric condensate (i.e., air conditioning); and
- Secondary treated sanitary waste from the Station's wastewater treatment unit.

Wastewater treatment features on Site include oil/water separators, a wastewater treatment plant, and retention basin. The various wastewater conduits and oil/water separators have likely been in place since the construction of the facility in the 1950s and 1960s. No information related to the integrity of these structures, unless otherwise discussed in this report, was provided for review. Based on the age and unknown integrity of these structures, there is potential for them to adversely impact soil and groundwater at the Site. Storm water collection system, drains, vaults, and piping are identified as an AOPC in the RCRA Facility Investigation Report, as discussed in Section 5.1.

Sanitary wastes generated at Units 3 & 4 are discharged to a septic tank, which is connected to the City of Manhattan Beach sanitary sewer system. Sanitary wastewater generated at the ESEC is discharged directly to the City of Manhattan Beach sanitary sewer system. Sanitary wastewater generated at the guardhouse adjacent to the main entrance to the Site is discharged into a septic system and associated leach field. The septic system is serviced on an as needed basis by a third party contractor. No other wastewater discharges are generated at the guard shack.

#### 4.3.3 Storm Water

Storm water runoff from impervious areas of the Site is collected by a series of catch basins located throughout the Site. Storm water falling on vegetated areas of the Site infiltrates directly into the ground. Storm water collected in the catch basins around Units 3 & 4 is treated by an oil/water separator prior to discharge to the Pacific Ocean via outfall tunnel 002. Storm water collected in catch basins surrounding the ESEC pass through catch basin inserts (fabric filters) that treat for sediment and oil and grease before being discharged via outfall 002 to the Pacific Ocean.

Storm water generated from the southern former AST area flows into a water quality feature located at the southwest corner of the Site. This feature provides flow attenuation through retention and sedimentation for storm water collected in catch basins located in the parking and laydown area.

#### **4.4 Air Emissions**

Air emission sources at the Site consist primarily of carbon monoxide, nitrogen dioxide, sulfur dioxide, VOCs and particulate matter from the stacks associated ESEC and Unit 4. The Site operates under a Title V Air Permit for South Coast Air Quality Management District Facility ID #115663 and a Permit to Construct. Based on information provided on the EPA Envirofacts and Enforcement, Compliance History Online (ECHO) databases, air emissions are unlikely to adversely affect the soil and groundwater at the Site.

#### **4.5 Environmental Noise, Nuisance and Complaints**

Site personnel reported that local residents have complained about noise and lighting at the Site. NRG is required to address to all complaints from local residents in a timely manner per the California Energy Commission license. Site personnel reported that currently all noise and lighting complaints have been addressed.

#### **4.6 Polychlorinated Biphenyls**

ERM visually assessed the Site for types of equipment that have been historically associated with the use of PCBs as a dielectric fluid coolant and stabilizer. Some examples of the types of equipment that potentially contain PCBs or PCB-contaminated oil include electrical equipment such as transformers, capacitors, and high voltage liquid filled switches.

All transformers, capacitors and other high voltage-filled switches on the Site were labeled “non-PCB” containing. According to facility personnel and historic Site documents, concrete within and soils surrounding former Units 1 & 2 were impacted with PCBs. A summary of PCB remedial activities is summarized in Section 5.1. Based on the type of PCB contamination found in and around former Units 1 & 2, there is potential for similar PCB contamination to be present in and around Units 3 & 4.

#### **4.7 Ozone Depleting Substances**

In 1987, the Montreal Protocol, an international environmental agreement, established requirements that began the worldwide phase-out of ozone-depleting chlorofluorocarbons (CFCs). These requirements were later modified, leading to the phase-out in 1996 of CFC production in all developed nations. In 1992, the Montreal Protocol was amended to establish a schedule for the phase-out of hydrochlorofluorocarbons (HCFCs). HCFCs are less damaging to the ozone layer than CFCs, but still contain ozone-destroying chlorine. The Montreal Protocol as amended is carried out in the United States through Title VI of the Clean Air Act (CAA), which is implemented by the USEPA.

Industrial process refrigeration leak repair regulations were called for as part of Title VI of the CAA Amendments of 1990. The primary purpose of Title VI, entitled Stratospheric Ozone Protection, is to eliminate the threat posed to earth's protective stratospheric ozone layer by certain ozone depleting substances (ODS). Section 608 of the Act called on the USEPA to publish rules regarding the use, recycling and disposal of ODS in various applications, including industrial processes and commercial refrigeration systems. The ODS regulations require facilities to review the refrigeration systems that are directly linked to industrial processes. The refrigerant recycling rule applies to systems that contain and use a Class I or Class II substance as a refrigerant. Class I refrigerants are mainly CFCs, whereas Class II refrigerants are mainly HCFCs.

Window-mounted air conditioners are used to cool the administration trailers at the Site. The trailers and associated air conditioning units are leased and are the responsibility of the owner. No refrigerant maintenance is conducted by facility personnel.

#### **4.8 Asbestos-containing Materials**

Asbestos was generally discontinued in most building materials in the late 1970s, but the Occupational Safety and Health Administration deems spray-applied surfacing materials, thermal system insulation materials, and vinyl flooring

materials as “presumed asbestos-containing materials” if they are present in pre-1981 buildings (Title 29 of the CFR, Parts 1910.1001 and 1926.1101).

Based on the date of construction of the ESEC (2012-2013), there is no asbestos-containing material (ACM) present. Units 3 & 4 were constructed in the 1960s and there is known ACM within those units. The Site has instituted a banding system to identify any known ACM. All materials must be tested prior to any maintenance work. Any ACM removed from the Units is collected in a covered dumpster and disposed of as hazardous waste. Prior to demolition of Units 3 & 4, an updated ACM survey will be conducted. The previous survey was conducted in 2006. A full ACM survey and abatement activities were conducted prior to the demolition of former Units 1 & 2.

#### **4.9 Indications of On-Site Impacts**

##### *4.9.1 Visual Indication of On-Site Impacts*

Groundwater monitoring wells were observed on the western side of the retention basin. According to the Site contact, these groundwater wells are related to the Chevron Refinery groundwater investigation. Areas of staining were observed on the floors in Units 3 & 4. No significant cracks in the floor or deterioration were observed in the area of the tank.

ERM did not observe additional evidence, such as staining, stressed vegetation, or similar conditions, that would constitute a visual indication of on-Site impacts.

##### *4.9.2 Regulatory Indication of On-Site Impacts*

ERM conducted a search of relevant municipal agency sources and contracted EDR to conduct an environmental database search of agency records. The database report is presented in Appendix C. The complete list of agency sources contacted is included in Table 5-1.

Relevant regulatory findings, which pertain to current operations, are discussed in relevant sections above. Agencies with oversight jurisdiction at the Site include the California Environmental Protection Agency, DTSC (for RCRA-associated investigation/closure), the El Segundo Fire Department (as the Certified Unified Participating Agency for general hazmat compliance), and the LARWQCB (for industrial and construction storm water compliance). Database findings and relevant government record reviews are summarized below in Section 5 (mainly historical data) and other relevant headings within this section.

# 5 Site and Area History



## 5.1 Evaluation of Prior Environmental Reports

Numerous environmental investigations have been conducted at the Site. The following is a summary of reports dated, 2011-2013. Summaries of environmental investigations prior to 2011 are summarized in previous Phase I ESA reports. A summary of the Site's RCRA Facility Investigation Work Plan is also provided below.

A Soil Management Guidance (SMG) document was developed in February 2011 for dealing with soils at the Site. In preparation for site grading and construction of the ESEC, SSLs were developed for the Site. SSLs are concentration goals for individual chemicals for specific medium (soil or groundwater) and land use combinations. The concentration goals are risk-based calculations that set the concentration limits using carcinogenic and/or non-carcinogenic toxicity values under assumed on-Site worker exposure conditions.

- *Final Draft RCRA Facility Investigation (RFI) Work Plan, El Segundo Power Redevelopment Project*, prepared by Shaw Environmental, Inc. for El Segundo Power II LLC, revised August 2010

The RFI Work Plan identifies the following areas of concern (AOCs):

Areas of Concern		
AOC 2	Retention Basin	Addressed through RCRA Investigation
AOC 3	Lube Oil AST & Piping	Discussed below
AOC 4	Oil/Water Separator	Located beneath the administration trailers
AOC 5	Northern Fuel Oil AST	Parking and Laydown Area Discussed below
AOC 6	Southern Fuel Oil AST	Parking and Laydown Area Discussed below
AOC 7	Cutter Oil AST	Not included in Scope of Work for this Phase I ESA
AOC 8	Demineralization Area	Discussed below
AOC 9	SCE Switchyard	Not included in Scope of Work for this Phase I ESA

Twenty-nine AOPCs were also identified in the RFI Work Plan. Twenty-one of the 29 AOPCs were in the located in the area of the current ESEC/former Units 1 & 2. All historic structures in the ESEC area have been demolished and the area excavated to between 8 and 10 feet bgs across the entire ESEC project area. In addition, the northwest and southwest corners of the former Units 1 & 2 power block slab foundation was excavated to between 18 and 21 feet bgs to address PCB hot spot areas. It should also be noted that this RFI Work Plan is focused on the ESEC area and systems that supported former Units 1 & 2. Additional AOPCs related to Units 3 & 4 may be identified during the decommissioning and demolition.

The ESEC project lies within the northern portion of the ESGS. The project area encompasses several AOCs and AOPCs as identified in the RFI Work Plan, including:

- AOPC-14 Primary Fuel Pump Unit 1 & 2;
- AOPC-18 Storm Water Collection System, Drains, Vaults, Piping;
- AOPC-19 Scrap Metal Storage;
- AOPC-20 Main Access Road Widening;
- AOPC-21 Secondary Fuel Unit 3 & 4;
- AOPC-23 Ammonia UST & Piping;
- AOPC-25 Former Urea AST; and
- AOPC-28 Southern Storm Water Outlet.

A summary of the RFI and soil management activities for the entire ESGS, as well as a comprehensive risk assessment, will be provided in the final RFI closure report. The final RFI closure report will be prepared after all RFI sampling in areas south of the ESEC project area (i.e., Units 3 & 4) are completed.

- *Phase I Environmental Site Assessment of El Segundo Energy Center Facility, 301 Vista Del Mar, El Segundo, California*, prepared by AECOM for El Segundo Energy Center LLC, dated February 2011

AECOM completed a Phase I ESA at the Site in February 2011. At the time of the 2011 AECOM assessment, the Site was generally in the same configuration with the exception of the following: (1) former Units 1 & 2 were still developed (although the units were in the process of being demolished during the 2011 AECOM Site visit) and (2) two large fuel oil ASTs, located in the now visitor parking area, were in the process of being demolished. The following RECs were identified by AECOM:

- Groundwater beneath the subject property, and in some locations soil and soil gas, has been impacted by off-Site releases of fuel hydrocarbons related to the Chevron Refinery located to the east. Although some degree of remediation has been completed, significant impact remains and Chevron USA is required to continue monitoring activities, including several wells on the subject property. *No significant changes were noted regarding this REC during the 2013 Phase I ESA.*
- A number of areas and operations within former Units 1 & 2 and Units 3 & 4 have experienced either releases to soil or represent a material threat of release based on their history and use of petroleum products and hazardous materials. These include transformer locations, current and former lube oil storage and handling areas, former fuel oil storage and handling areas, current and former hazardous waste storage areas, oil/water separator locations, large oil-filled equipment locations, wastewater treatment locations, and former maintenance areas. These areas and operations are specifically or generally identified in the RCRA RFI Work Plan, which is being implemented by ESEC, and are, therefore, collectively considered to be a REC. *Several areas related to Units 1 & 2 were addressed during the demolition and construction activities. These areas are addressed in the summarized reports below.*
- Based on interviews, database listings and document reviews, soil and groundwater beneath the wastewater retention basins have been impacted by metals (particularly arsenic, lead, nickel and vanadium). Although these impacts are being addressed by SCE in the context of an ongoing RCRA Corrective Action case, final closure has not been granted. *No change was noted during the 2013 Phase I ESA.*

- Based on document reviews and interviews, hydrocarbon impacts are present in soil beneath the two former fuel oil tanks located within the tank farm. These impacts are collectively considered a REC. *The two ASTs had been removed prior to the 2013 Phase I ESA. According to the Site contact, the soil beneath the two former ASTs has known hydrocarbon impacts. A concrete cap was placed over the area to prevent any contact with impacted soil. This area is still considered a REC.*
- Based on document reviews and interviews, hydrocarbon impacts are present in soil beneath the Cutter Stock tank. Although the tank is owned and operated by a 3<sup>rd</sup> party, the soil impacts are considered a REC relative to the subject real property. *This is still considered a REC.*

The following historical RECs (HRECs) were identified during the 2011 AECOM Phase I ESA assessment:

- Historical releases at the subject property were reported in the ERNS and CHMIRS databases. Based on the database listings, each incident was satisfactorily addressed at the time of the incident.

The following de minimus conditions were identified during the 2011 AECOM Phase I ESA assessment:

- Minor oil staining was noted on concrete floors at a number of locations in the basement and first floor of Units 3 & 4. The stains do not appear to present a material risk to public health or the environment, and generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. *Similar staining was observed during the 2013 Phase I ESA.*

One significant data gap was identified as part of the 2011 AECOM Phase I ESA assessment:

- The report notes that between 2 and 12 USTs were present at the Site. The exact locations of the USTs are not known. There is no indication of USTs currently existing at the property, and ESGS personnel believe that the database listing relative to 12 tanks is in error and actually refers to a different power plant also formerly owned by SCE, who also formerly owned the subject site. As of the date of the AECOM report, it was not possible to examine UST-related files located at the City of El Segundo, although the request to do so has been made. Therefore, as of the date of this report, a data gap exists relative to potential USTs at the subject property. *An addendum dated 11 February 2013 was issued by AECOM. Based on a file review at regulatory agencies, AECOM noted that two USTs (not including the current 20,000-gallon ammonia AST) were previously located at the Site. AECOM was not able to confirm that these tanks were removed and closed, and material in prior reports and recent soil sampling results suggest that one or more releases occurred in the vicinity of these USTs (near the former maintenance building). A database listing showing 12 additional USTs associated with the facility was not supported by the file searches.*
- *Updated Phase I Environmental Site Assessment of El Segundo Energy Center Facility, 301 Vista Del Mar, El Segundo, California, prepared by AECOM for El Segundo Energy Center LLC, dated May 2011*

The findings of the Updated Phase I ESA were consistent with the February 2011 Phase I ESA. The main purpose of this report was to incorporate the UST file review findings.

- *Sampling Results for Soil and Groundwater beneath the Former Northern Aboveground Fuel Oil Storage Tank (AST) (El Segundo Energy Center), prepared by AECOM on behalf of NRG for the DTSC, dated 11 March 2011*

An assessment of the soil and groundwater below the former northern fuel oil AST (current visitor parking location) was conducted. Eight soil borings were advanced beneath the former northern fuel oil AST; samples were collected at 2- to 5- foot intervals to a maximum of 37 feet bgs. Four borings were located in the perimeter and four within the footprint of the AST. Groundwater, encountered between 35 and 37 feet bgs, was collected at two locations. All groundwater results were below maximum contaminant levels (MCLs) for VOCs, and TPH levels were below one milligram per liter. TPH- and VOC-impacted soils exist, primarily in the shallow depths below the former AST, and limited vertical migration has occurred. AECOM recommended that the surface of the former

northern AST be covered with a cap until redevelopment. Removal of the upper 8 to 12 inches of soil will be required to maintain flush ground surface.

- *Sampling Results for Soil and Groundwater Beneath the Former Station Make Up Demineralizer (SMUD) Area*, prepared by AECOM on behalf of NRG for DTSC, dated 28 April 2011

An assessment of the soil and groundwater below the former Station Make Up Demineralizer (SMUD) area was conducted in 2011. The SMUD area was used to treat municipal water supply to a quality acceptable for use in the boiler systems within the power plant. In 1996, an integrity test of the sump associated with the SMUD was conducted; the results indicated that low levels of pH water had leaked into the soil as shown by discolored soil and lower than normal pH. Subsequently, the sump was repaired. To determine if the integrity of the sump failed between 1996 and 2010, three soil boring were installed beneath the former SMUD area and eight soil samples were collected. One groundwater sample was collected. Soil samples were analyzed for VOCs, TPH as gasoline range organics (TPH-GRO), TPH as diesel range organics (TPH-DRO), TPH as motor oil range organics (TPH-MORO), metals and pH. All VOCs, TPH, metals, and pH were below the Soil Management Plan (SMP) SSLs. Groundwater was analyzed for TPH and VOCs. All groundwater results were below the California MCLs for VOCs. Low levels of TPH were detected in groundwater, with the highest concentration of TPH-DRO detected at 170 milligrams per liter. The VOCs and TPH detected in groundwater are assumed to be associated with the Chevron Refinery groundwater plume.

*DTSC provided no further sampling determination letter on 16 May 2011 for SMUD Building Area.*

- *Sampling Results for the Former Materials Warehouse and Hazardous Materials Storage area near Warehouse (El Segundo Energy Center)*, AECOM to DTSC dated 15 June 2011

The northwest corner of the ESEC was historically developed with the grass park area, a Materials Warehouse, and Hazardous Materials Storage Area. The northern area consisted of approximately 140 feet by 170 feet and encompasses several AOPCs, including areas of assumed locations of the former hydraulic lift and hazardous materials storage areas. All structures were demolished and the area was excavated to approximately 8 feet bgs prior to construction of the ESEC.

Soil, soil gas and groundwater sampling as was conducted in these areas. Soil borings were advanced at a depth of up to 15 feet bgs. Groundwater was encountered at approximately 15 feet bgs and a single soil gas sample was collected at a depth of 5 feet bgs and analyzed for VOCs, metals and TPH-GRO, TPH-DRO and TPH-MORO. Based on the analytical soil results, low concentrations of benzene above SMG SSLs were detected at a depth of 3 feet bgs. VOCs and TPH above SSLs were detected at 14 feet bgs. Soil from approximately 10 feet and deeper is known to be impacted by the off-site Chevron Refinery VOC/TPH plume. Soil gas results were less than the CHHSLs for shallow soil gas in a commercial/industrial land use scenario. Groundwater had detectable concentrations of TPH, VOCS, and metals. The TPH and VOC results are typically considered attributed to the off-Site Chevron Refinery plume.

A small area of concrete with yellow discoloration in the upper 1 to 2 inches was identified in the northwest corner of the former Materials Warehouse. A sample was collected and analyzed for metals, PCBs, TPH and VOCs. All results were non-detect or below SSLs, with the exception of chromium VI. All concrete and soil within a 20-foot by 20-foot area was excavated to 3 feet bgs. Verification sampling was conducted to confirm the soil was not impacted by chromium. Based on the analytical results, concrete and soil with contaminant concentrations greater than SSLs in the northern HRSG foundation area have been removed from the Site.

*DTSC provided no further sampling determination letter on 24 June 2011 for Former Materials Warehouse and Hazardous Materials Storage.*

- *PCB-Impacted Soil and Concrete Cleanup Report, El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California, prepared by AECOM for NRG, dated 31 August 2011*

Pursuant to the Toxic Substance Control Act (TSCA), characterization and remediation of PCB-impacted soil and concrete at former Units 1 & 2 was conducted at the Site between February 2011 to August 2011. USEPA Region 9 reviewed and provided conditional approvals of the approach and work plans for these remedial activities. The remediation project involved the assessment, excavation and off-Site disposal of PCB-impacted soil and concrete. The in-place characterization sampling was done in accordance with the USEPA-approved Sampling and Analysis Plan (SAP), which was based on Subpart N of TSCA. Approximately, 800 characterization samples were collected.

Approximately 20,000 cubic yards of soil and concrete was disposed off Site. Three-quarters of that material was impacted at less than 50 ppm PCBs, and one quarter of that material contained greater than 50 ppm PCBs. Approximately 50,000 gallons of waste liquid was generated at the Site, the majority of that liquid resulting from dewatering of saturated soil during excavation of the southwest corner of the foundation. Liquid waste also included liquid resulting from decontamination activities.

Soil and concrete with less than 1 ppm PCBs has been reused on Site as fill. Post-excavation verification sampling confirmed that the soil cleanup standards were achieved. The verification sampling was done in accordance with the USEPA-approved SAP. The soil cleanup level for soil between 1 and 10 feet bgs was 1 ppm PCBs, and the soil cleanup level for soil greater than 10 feet bgs was 0.3 ppm PCBs. The demonstration of compliance with the soil cleanup standards was done with statistical analysis using USEPA's Pro-UCL statistical program. The 95 percent upper confidence limit (95UCL) for soil between 0 and 10 feet bgs was 0.137 ppm, and the 95UCL for soil at greater than 10 feet bgs was 0.121 ppm.

During the course of the project, PCBs were detected at the soil-groundwater interface in two areas of the site, the northwest and southwest corners of the former Units 1 & 2 foundation. Groundwater sampling conducted in July 2011 confirmed that PCBs were present in groundwater in the southwest area at levels ranging from approximately 2 to 10 parts per billion (ppb). PCBs were not detected in groundwater samples from the northwest area. USEPA has requested that El Segundo Power submit a risk-based disposal application (i.e., notification) to address groundwater impacts. The notification will include a groundwater monitoring plan and the proposal for conducting an ecological risk assessment.

As of the date of this report, soil cleanup activities are complete and no further work regarding soils is necessary at the Site, pursuant to TSCA. Groundwater impacts at the Site are the subject of a separate work plan, which was submitted to USEPA on the same date as this report.

- *Notification of Risk-Based Disposal Approval Application to Address PCBs in Groundwater, former Units 1 and 2 Powerblock Foundation, El Segundo Generating Station, El Segundo, CA, prepared by AECOM on behalf of NRG for USEPA Region 9, dated August 31, 2011*

On behalf of NRG, AECOM submitted a Risk-Based Disposal Approval Application to Address PCBs in Groundwater Notification describing the extent of PCB impacted groundwater, the proposed groundwater monitoring program, sampling and analysis plan for groundwater, and a proposed ecological risk assessment approach. The PCB assessment and excavation activities described above led to the discovery PCB-impacted groundwater in the southwest corner of former Units 1 & 2. A focused sampling effort in June and July 2011 was conducted to determine the lateral and vertical extent of PCBs. Investigative findings supported a localized PCB source in the vadose zone with a vertical migration to the groundwater interface. The source area contained PCBs and oils, which appears to have migrated into the soil from a concrete vault at about 8 feet bgs. Typically PCBs are immobile and do not migrate easily. However, due to the porous lithology and the depth of the release, PCBs were able to migrate vertically to the soil groundwater interface. Once PCBs reached groundwater, they mixed with petroleum hydrocarbon impacted groundwater. The

petroleum hydrocarbons likely caused the PCBs to become mobile and migrate downgradient at the soil groundwater interface.

NRG installed groundwater monitoring wells and commenced groundwater monitoring, as described in the 2011 PCB Sampling and Analysis Plan (revised), in accordance with this document.

- *Sampling Results for Soil from Lube Oil Foundation El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 28 December 2011

In December 2011, excavation began on the north side of Units 3 & 4 for placement of a lube oil tank foundation. Approximately 4 cubic yards of soil were excavated from around the foundation pad. One profile soil sample was collected from the excavated soil and was analyzed for the following: VOCs, TPH, TPH-GRO, TPH-DRO, TPH-MORO, metals and pH. Laboratory results showed all VOCs, TPH-GRO, TPH-DRO and TPH-MORO were non-detect at the laboratory reporting limit, and low concentrations of metals were detected below the SMG SSLs. Based on the information provided in this report, no evidence indicating the soil within or the lube oil foundation excavation was impacted above the DTSC-approved SMG SSLs, and no further action is warranted.

- *Sampling Results for Soil from Lube Oil Foundation El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California 90245*, prepared by AECOM for NRG, dated 28 December 2011

During excavation activities for the placement of a foundation for a lube oil tank on the north side of Units 3 & 4, approximately 4 cubic yards of soil was excavated from around the foundation pad area. Excavated soil was placed in a bin for potential reuse pending sampling results, and was later reused. No evidence of impacted soil was detected based on photoionization detector (PID) readings and excavation oversight; therefore, no verification soil samples were warranted. In order to confirm excavated soil was acceptable for backfill, one profile soil sample was collected from the excavated soil. The profile soil sample was analyzed VOCs, TPH-GRO, TPH-DRO, TPH-MORO, metals and pH. Laboratory results showed all VOCs, TPH-GRO, TPH-DRO and TPH-MORO were non-detect at the laboratory reporting limit, and low concentrations of metals were detected below the SMG SSLs. Based on the information provided in this report, no evidence indicating the soil within or the lube oil foundation excavation was impacted above the DTSC-approved SMG SSLs, and no further action is warranted.

- *Sampling Results for Soil Beneath the Blowdown Line from Unit 3 El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 30 December 2011

On 21 November 2011, a leak was discovered in the underground steam blow down line on the west side of Units 3 & 4. Approximately 5 cubic yards of soil was excavated from around the leaking pipe. Laboratory results showed all VOCs, TPH-GRO and TPH-DRO were non-detect at the laboratory reporting limit and low concentrations TPH-MORO and metals were detected below the SMP SSLs. Based on the information provided in this report, there is no evidence indicating the soil surrounding the blow down line was impacted above the DTSC-approved SMP SSLs.

- *Metal Impacted Soil Sampling Results for Southern California Edison (SCE) El Segundo Energy Center, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 8 February 2012

Metal-impacted soil was uncovered at the Site between June 2010 through December 2011. A layer of black stained soil was encountered in several excavations beginning in June 2010 through recent excavations in December 2011. The black-stained soil appeared to be limited to the area north of the administration trailers. The black-stained soil ranged from 2 to 3 inches to 8 to 10 inches in thickness and generally occurs from approximately 4 to 8 feet bgs; it was also encountered in deeper soils near the entrance road where the ground surface elevation increases. In several locations, the soil beneath the black interval is stained yellow. The yellow staining extends from several inches to several feet below the black interval. Laboratory results of samples collected from the black-stained soil show elevated concentrations of several metals, particularly arsenic, lead,

nickel and vanadium. In addition, although not extremely elevated, several other metals detected were above levels that could be considered background. Selected soil samples from within the black stained soil layer and below the stained soil layer were also analyzed for TPH, VOCs, and semi-VOCs (SVOCs). All other constituents analyzed were either not detected at or above the respective test method reporting limit or, in the case of TPH, had very low detectable concentrations.

The source of the black-stained soil is unknown, but may be related to historical activities at the facility. The layer tended to occur below the utility lines that exist in the area. Several of the utility lines are associated the operation of Units 3 & 4 or improvements to the facility that occurred after the construction of former Units 1 & 2, i.e., prior to NRG acquisition of assets in 1998 and 2002.

- *Environmental Oversight Main Gas Line Excavation El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 21 February 2012

AECOM conducted oversight activities related to the main gas pipeline excavation conducted in May 2012. The work included excavating soil surrounding the main gas line to the northeast of Unit 3, assessing the condition of the main gas line, removal of pipe coating containing asbestos, removal and off-site disposal of pipe coating and asphalt, backfilling the excavations with cement slurry and resurfacing the area. Based on the information provided in this report, no evidence indicating the soil within the main gas line excavation was impacted above the DTSC-approved SMG SSLs, and no further action is warranted.

- *Sampling Results for Soil from Beneath North Retention Basin Line El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, CA*, prepared by AECOM for NRG, dated 21 February 2012

On 17 November 2011, a leak was discovered in the underground line in the northeast corner of the north retention basin. In order to repair the line, approximately 20 cubic yards of soil were excavated from around the leaking pipe. Excavated soil was placed in a bin and removed from the Site. The highest PID reading was 3.8 ppm, and no olfactory evidence or staining was observed in soil during the excavation activities. No evidence of impacted soil was detected based on air monitoring and excavation oversight; therefore, no verification soil samples were collected. In order to confirm excavated soil was acceptable for backfill, one profile soil sample was collected from the excavated soil. The profile soil sample was analyzed for VOCs, TPH, TPH-GRO, TPH-DRO, TPH-MORO, metals and pH. Laboratory results indicated all VOCs, TPH-GRO and TPH-DRO were non-detect at the laboratory reporting limit and low concentrations of metals and TPH-MORO (86.8 milligrams per kilogram [mg/kg]) were detected below the SMG site specific SSLs. Based on the information, no evidence indicating the soil from the north retention basin line repair excavation was impacted above the DTSC-approved SMG SSLs.

*DTSC provided a no further sampling determination letter on 16 May 2011 for the North Tank Farm Area.*

- *Sampling Results for Soil from Excavations for Ammonia Line Supports El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California*, 29 March 2012

Soil samples were collected from the footing excavations for the ammonia line in January 2012 through March 2012. Approximately 18 cubic yards of soil was excavated from around the ammonia line support footings. During the excavation of Supports 26 and 50, approximately one cubic yard of impacted soil was excavated. Two profile soil samples (Ammonia Line-Prof-26-020112 and Ammonia Line St 50-prof-030212) were collected from soil generated by excavating Supports 26 and 50, respectively. Additionally, two verification soil samples (Ammonia Line-Ver-42in-26-020112 and Ammonia Line St-50-Ver-42in-030212) were collected from the bottom of excavation of Supports 26 and 50, respectively, at 3.5 feet bgs. Soil samples were analyzed for a combination of VOCs, TPH-GRO, TPH-DRO, TPH-MORO and metals. VOCs, TPH-GRO, TPH-DRO and TPH-MORO were not detected above the SMG SSLs in the profile sample for Support 26. Laboratory results for the profile sample collected from Support 50 indicated concentrations of TPH-DRO above the SMG SSLs, while concentrations of TPH-GRO, TPH-MORO and metals were below the SMG SSLs. VOCs, TPH-GRO, TPH-DRO and TPH-MORO were not detected

above the laboratory reporting limit for the verification sample collected from Support 26. Laboratory results for verification sample collected from Support 50 showed VOCs as non-detect at the laboratory reporting limit and TPH-DRO and TPH-MORO were detected below the SMG SSLs. Based on the information provided in this report, there is evidence indicating the soil excavated from Support 50 was impacted above the DTSC-approved SMG SSLs.

- *Data Report: Gas Compressor Area Assessments and Verification Sampling for the El Segundo Power Redevelopment Project Area- El Segundo Generating Station, 301 Vista Del Mar Boulevard El Segundo, California*, prepared by AECOM on behalf of NRG for the DSTC, dated 10 July 2012

The data report was submitted to the DTSC summarizing soil assessment and soil management activities conducted within the new Gas Compressor Building construction area located within the central portion of the El Segundo Power Redevelopment Project. This project entails the demolition of the former Units 1 & 2 and construction of the ESEC. The RFI Work Plan did not identify AOCs or AOPCs within the Gas Compressor Building construction area. However, the existing retention basin and associated pipelines are adjacent to the building. Equipment associated with the former Chevron Refinery free-phase hydrocarbon, total fluids, and vapor recovery system is located within the area of the new building. Therefore, additional soil assessment was conducted prior to excavation activities.

In November 2011, 12 soil borings were advanced to a depth of 16 feet bgs and analyzed for VOCs, TPH-GRO, TPH-DRO, TPH-MORO and metals. Subsequently, in March of 2012, five hand auger borings were advanced to a depth of 7 feet bgs along the west side of an abandoned, subsurface waste water pipe (east of the new building and excavation area). Soil samples were analyzed for VOCs, pH, TPH-GRO, TPH-DRO, TPH-MORO and metals. Laboratory results from both sampling events identified TPH-GRO, TPG-DRO and TPH-MORO as non-detect and low concentrations of metals and VOCs.

In April and May of 2012, red-stained soil was encountered during the shoring installation activities, northeast of the new building. The red-stained soil was segregated and stock piled for verification sampling. The soil was sampled for TPH and VOCs; results were non-detect at the laboratory reporting limits. Four abandoned Chevron Refinery lines crossing the excavation area were abated, demolished and sent off Site for disposal. Profile samples were collected and analyzed for TPH and metals. Trace amounts, below regulatory limits were identified for TPH-MORO range; all other constituents were non-detect at the regulatory reporting limit. Based on the information discussed above, no further sampling was recommended by AECOM and that the DTSC review and concur that no further assessment for soil is required.

- *Sampling Results for Soil from Beneath North Retention Basin Discharge Line El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 12 September 2012

On 23 August 2012, while excavating a trench through slurry, a grounding rod was discovered penetrating the retention basin discharge line on the northwest corner of the north retention basin. The slurry and soil around the pipe was removed to repair the line. One soil sample was collected directly beneath the discharge pipe. The soil sample was analyzed for the following VOCs, TPH-GRO, TPH-DRO, TPH-MORO, metals and pH. Laboratory results showed all VOCs, TPH-GRO, TPH-MORO, and TPH-DRO were non-detect at the laboratory reporting limit and all metals results were below the SMG SSLs. Based on the information provided in this report, there is no evidence indicating the soil from the north retention basin line repair excavation was impacted above the DTSC approved SMG SSLs.

- *Soil Sampling- Water Quality Feature*, prepared by ACEOM for NRG, dated 3 February 2013

Four soil samples were collected at a depth of 6 inches bgs from the newly constructed Water Quality Feature (a.k.a. the storm water swale) located west of the visitor parking area. The samples were analyzed for metals, VOCs, TPH, oil and grease, and pH. The analytical results were non-detect for all four samples.

- *Aerial Lift Oil Release Summary Report, El Segundo Energy Center, 301 Vista Del Mar Boulevard, El Segundo, California 90245*, prepared by AECOM, for NRG, dated 13 February 2013

Hydraulic oil was released under high pressure from an aerial lift located immediately west of the CT-10 stack. Clean up consisted of removing the top inch of affected soil, and wiping down affected Konex boxes, equipment, scaffolding and the cement foundation directly north to north east from the aerial lift. Seven 55-gallon drums of waste were generated during clean up procedures. Soil samples were collected from exposed soil located at the west corner of the CT-10 stack and from exposed soil located directly north along the road next to the CT-10 stack. Laboratory results showed that TPH-GRO was non-detect at the laboratory reporting limit in all samples and TPH-DRO and TPH-MORO were below the DTSC-approved SMG SSLs.

- *Firewall Excavation Summary Report El Segundo Energy Center, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 20 February 2013

Reddish-stained soil with black and gray inclusions was discovered during excavation activities for the gas compressor firewall footings. The extent of the stained soil was limited to the area east of the Gas Compressor Building and west of the Gas Metering Station. Soil with similar staining was encountered elsewhere on Site and has been found to have elevated levels of vanadium. The stained soil was encountered between 1 and 2 feet bgs in the center of the excavation area. Three samples were collected from the base of the excavation; analytical results indicated low levels of vanadium below or near background levels. The three soil samples were also analyzed for metals, TPH and VOCs. All other constituents analyzed were either not detected or below the respective testing method reporting limit. The stained soil was segregated and placed in two 55-gallon drums and profiled. Laboratory results of the profile sample exceeded the February 2011 SMG SSLs for vanadium and the waste was characterized as Non-RCRA hazardous waste. All other results were less than the SSLs. All stained and impacted soil encountered were completely removed for off-site disposal. Based on the information provided in this report, vanadium-impacted soil encountered east of the Gas Compressor Building and west of the Gas Metering Station was removed to concentrations less than the SMG SLs.

- *Sampling Results for Soil and Groundwater beneath the Former Southern AST (El Segundo Energy Center)*, prepared by AECOM on behalf of NRG to the DTSC dated 7 August 2013

According to previous investigations, the area beneath and adjacent to the former southern fuel oil AST identified elevated levels of TPH and petroleum-related VOCs at concentrations above the SMG SSLs to at least 15 feet bgs. Concentrations decrease with depth. The highest concentrations were detected in the shallow soil samples, generally between 0.5 and 5 feet bgs. Benzene was detected at a maximum concentration of 177 micrograms per liter. Based on this information, it appears that limited vertical migration of petroleum hydrocarbons have occurred. The lateral and vertical extent of the TPH impacts has been defined. AECOM recommended that the surface of the former AST be covered with asphalt as a best management practice to prevent storm water infiltration. Additional investigations have been recommended to further assess the level of contamination in the area.

## 5.2 Evaluation of Available Historical Sources

To determine past uses of the Site and surrounding properties, ERM reviewed historical sources of information as outlined below. Copies of historical sources are presented in Appendix D.

### **Table 5-1 Information Sources Reviewed**

Agency/Source of Information	Data Provided	Timeframe / Discussion
Mr. Scott. Seipel	General information	2009 to present
Interview(s) with past owners/occupants (if appropriate)		Not applicable
Interview(s) with owner/occupants of neighboring and nearby properties (in cases of abandoned Site)	Not Applicable	Not Applicable
EDR	Radius Map Report with GeoCheck ®	Present and past database listings
EDR	Topographic Maps	1896, 1901, 1924, 1934, 1948, 1950, 1964, 1972, 1981
EDR	Aerial Photographs	1927, 1938, 1947, 1956, 1963, 1972, 1981, 1989, 1994, 2005, 2009, 2010, 2012
EDR	Sanborn Fire Insurance Maps	No coverage
EDR	City Directories	1920-2013
USEPA	EPA Envirofacts website	Inspections, violations, penalties and enforcement actions related to various environmental compliance programs
USEPA	EPA Enforcement & Compliance History Online (ECHO) website <a href="http://www.epa-echo.gov/echo/">http://www.epa-echo.gov/echo/</a>	Inspections, violations, penalties and enforcement actions related to various environmental compliance programs
El Segundo Fire Department	ERM submitted an email request to the El Segundo fire Department to review records concerning the Site.	The El Segundo Fire Department Freedom of Information Act (FOIA) response has not been received by ERM as of the date of this report
DTSC	DTSC Envirostor On-line database	Information related to the RCRA CORRACTS investigation
California Department of Regional Water Quality Control Board (RWQCB)	RWQCB Geotracker On-line Database	Information related to the RCRA CORRACTS investigation
South Coast Air Quality Management District	Information related to air emissions and air control equipment	Current information
Los Angeles County Department of Public Health(LACDPH)	ERM submitted a FOIA request to LACDPH for records concerning the Site	ERM was referred to the El Segundo Fire Department

### 5.2.1 Timeline of Site History

The Site was originally developed in the 1950s with Units 1 & 2 on the northern portion of the Site. Units 3 & 4 were constructed by SCE in the early 1960s. Units 1 & 2 and the ancillary equipment, several air compressors, vacuum pumps, fans, and water pumps for various operating systems, were taken permanently offline in December 2002. The facility used a lubricating oil system that services the major rotating equipment including the turbines and generators. In February 2005, the California Energy Commission (CEC) approved NRG's plans to demolish Units 1 & 2 and to construct the ESEC, and in June 2010 the CEC approved the license for the ESEC project. In preparation for

construction, NRG commenced demolition of Units 1 & 2 in 2010. The ESEC construction was completed in 2013; at the time of the Site visit, the ESEC was fully functional. Unit 3 was taken off line in 2013.

Based on ERM's review of the sources identified in Table 5-1 above, the following table summarizes ERM's understanding of the timeline of operations and activities that have taken place throughout the Site's history.

**Table 5-2 Summary of Historical Sources Reviewed**

Year	Chronology of Site History
1896 – 1950	Based on a review of historical topographic maps and aerial photographs from this period, the Site is undeveloped land with the exception of the Pacific Electric Railroad track traversing the Site from north to south.
1956	According to the 1956 aerial photograph, Units 1 & 2 are developed. Two large ASTs and several small buildings/trailers appear to the south of Units 1 & 2. A switchyard is developed on the central portion of the Site. No other significant development was noted on the aerial photograph.  Construction of Units 1 & 2 included installation of the sea wall/revetment along the beach west of the current bicycle path; ocean water intake and discharge pipelines, which extend under the plant into the Pacific Ocean; and two 30,000-barrel fuel oil tanks, which were located to the south of Unit 2.
1963	According to the 1963 aerial photograph, Units 3 & 4 and the intake tunnels are in the process of being constructed. Two small buildings and a parking lot are located further south of Units 3 & 4. The two large ASTs noted in the 1958 aerial photograph are no longer present. It is believed the entire bluff area, which included the tanks and the former electrical substation was removed at this time.
1972	According to the 1972 aerial photograph, both Units 1 & 2 and Units 3 & 4 are developed. A retention basin is located south of Units 3 & 4, beyond which are three large ASTs. No other significant changes were noted.
1981 -2010	No significant changes were observed from the 1972 aerial photograph.
2012	According to the 2012 aerial photograph, Units 1 & 2 have been demolished and the ESEC is under construction. Only one large AST is present on the southernmost portion of the Site. A small building is located in the area of the other large AST. Several ASTs have been installed immediately south of Unit 4. Several small trailers are also located south of Unit 4. The remainder of the Site appears in its current configuration.

### 5.2.2 Discontinued Operations

The Site has been operated as a power generating station since construction in the 1950s. In general, operations have remained generally consistent since that time. Numerous Phase I and Phase II investigations have been conducted at the Site. These reports chronicle the changes in Site operations over the years. Notable changes to operations include the following:

- The Site originally burned fuel oil for power generation. The use of fuel oil at El Segundo was discontinued in the 1970s. The Site has burned natural gas since the 1970s.
- The ocean outfalls associated with Units 1 & 2 were plugged and filled with slurry to the property line.
- Hydrochloric acid used in boiler cleaning operations was discontinued in 1992. Boiler cleaning wastewater was discharged to the BCCB, the southernmost retention basin. The BCCB was used to temporarily hold (for less than 30 days) acidic cleaning solutions containing the removed corrosion and mineral deposits from the boiler tubes. The acidic waste material was removed from the basin using a vacuum truck and carried to an off-Site disposal facility. The basin is currently subject to a RCRA investigation.

- Municipal water was historically treated on Site for use in the boiler systems within the power plant. The water was treated in the SMUD area. The SMUD area housed large cation and anion tanks that stored aboveground acid and caustic. The SMUD was demolished as part of the redevelopment project. All associated sumps, tanks and piping were removed.
- Original power block Units 1 & 2 were shut down and demolished in December 2002 and December 2010, respectively. Numerous outbuildings and support buildings for Units 1 & 2 were also demolished. Soil and groundwater investigations conducted in the former area of Units 1 & 2 are summarized in Section 5.1.
- Two 500-gallon USTs used for storing chlorinated solvents and kerosene were removed from the ground in 1988. The Los Angeles County Department of Public Works granted closure to the two USTs and waived the sampling requirements, based on the known condition of groundwater at the Site. As part of a Phase II ESA, three borings advanced three soil borings near the former USTs and sampled soils from varying depths for TPH and VOCs. TPH concentrations ranged from 0.67 mg/kg to 990 mg/kg. The highest TPH concentration was detected at 8 feet bgs. Naphthalene, xylenes, 1,2,4-trimethylbenzene, 1,3,5 trimethylbenzene, and, 1,1,1-trichloroethane were detected at 7 to 8 feet and 9 to 10 feet bgs. VOCs were not detected in the sample from 12 to 13 feet bgs.
- Two bulk ASTs were historically located at the visitor parking area. These ASTs were demolished in 2011 and 2013. According to the Site contact, the soils are impacted with TPH and paved parking area is acting as an engineered barrier until remedial activities are conducted. The two historic bulk ASTs are discussed in more detail in applicable sections of this report.

### 5.2.3 Regulatory Findings

ERM contracted EDR to conduct an environmental database search of agency records. The database report, presented in Appendix C, defines and summarizes the ASTM databases reviewed in the EDR report and notes if the Site or surrounding properties were identified in the specified radius. The Site is listed on following database:

Environmental Database	Database Information
<i>RMP</i>	ESGS is identified on the Risk Management Plan (RMP) database for maintaining a RMP for the aqueous ammonia system.
<i>HAZNET</i>	SCE, El Segundo Pumping & Heating Station, ESGS, ESEC, El Segundo Power II and Ancon Marine are identified at the Site address on the All Hazards Network (HAZNET) database. The HAZNET database is a California database that provides facility and manifest data related to hazardous waste generation.
<i>Financial Assurance</i>	SCE – NRG – ESGS is identified on the Financial Assurance database. The Financial Assurance database is 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 the regulated facility is unable or unwilling to pay.
<i>Toxic Pits</i>	SCE ESGS is identified on the Toxic Pits database as active. Discharges to the pits (retention basins) ceased in 1995. No other information is provided in the EDR report. The retention basins are discussed in applicable sections of this report. The retention basins are discussed in more detail in Sections 4.4.4
<i>EMI and US AIRS</i>	Air emissions inventory data (EMI) from 1987, 1990, and 1995-2000 is provided for SCE. Air emissions at the Site are regulated by a Title V permit. A discussion of air emissions at the Site is discussed in Section 4.6
<i>FINDS</i>	Pacific Terminal LLC is identified on the FINDS database. The FINDS database is a pointer database and lists databases with a facility is identified. Pacific Terminals LLC, addressed as 301 S Vista Del Mar, is identified based on the known storage of hazardous materials and wastes on-Site.
<i>CHMIRS</i>	The site address (El Segundo Pumping Station 301, west of 301 Vista Del Mar Boulevard, SCE, ESGS) is identified in the CHMIRS database. The CHMIRS database contains information on reported hazardous material incidents (accidents or spills). According to the EDR Radius report, the site address reported a spill of 70 gallons of lubricating oil which leaked out into a concrete

Environmental Database	Database Information
	pit area and adjacent hot well area. The substance was leaking for approximately 48 hours and was reported to the El Segundo Fire Department.
<i>RCRA Corrective Action (CORRACTS)</i>	SCE ESEG is identified on the CORRACTS database. The Corrective Action is related to the retention basins located on-Site. This is discussed in more detail in 4.4.1.
<i>RCRA SQG</i>	El Segundo Power, LLC is identified on the RCRA SQG database. Information related to RCRA generator status is discussed in 4.4.1.
<i>RCRA LQG</i>	El Segundo Power II LLC North is identified on the RCRA-LQG database. Information related to RCRA generator status is discussed in 4.4.1.
<i>US AIRs</i>	The Site is identified on the Aerometric Retrieval System Facility Subsystem (AIRS AFS). AIRS AFS contains compliance data on air pollution point sources regulated by the USEPA and/or state and local air regulatory agencies.
<i>Envirostor</i>	Information contained in the Envirostor listing is related to the retention basins.
<i>FINDS</i>	<p>The Facility Index database indicates that the Site is listed on the following databases. Information related to these listings is discussed in applicable sections of this report.</p> <p>Clean Air Markets Division Business System (CAMDBS), Aerometric Information Retrieval System Facility AFS/AIRS, National Emission Data System (NEDS), National Emissions Inventory (NEI), California Hazardous Waste Tracking System – Datamart (HWTS-DATAMART), RCRAInfo, US National Pollutant Discharge Elimination System (NPDES), US Emissions &amp; Generation Resource Database (EGRID), Electric Generator, Hazardous Waste Biennial Reporter, Criteria and Hazardous Air Pollutant Inventory, Greenhouse Gas Reporter, Integrated Compliance Information System (ICIS), Permit Compliance System (PCS).</p>
<i>SLIC</i>	SCE-El Segundo Generating Station is identified on the DTSC's Spills, Leaks, Investigation and Clean Up (SLIC) database. The site has been an open site since 1997 and was transferred to the DTSC in 2006. The SLIC database is a program designed to protect and restore water quality from spills, leaks and similar discharges. The date the case was open is consistent with the retention basin. The retention basin is discussed in Section 4.4.1.
<i>TSCA</i>	ESGS is identified on the TSCA for reporting ammonia. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substances Inventory list.
<i>ERNS</i>	The various operators of the Site are identified on the ERNS database for numerous releases.
<i>SWEEPS UST</i>	No information is provided in this database listing. It should be noted that the SWEEPS UST database is no longer updated.
<i>Notify 65</i>	SCE site address was identified on the Notify 65 database. The Notify 65 database is a list of incidents reported to the counties by the State Water Resources Control Board and the Regional Water Quality Control Board.
<i>LA County Site Mitigation</i>	No information is provided in this database listing. A FOIA has been submitted to the local California Unified Program Agency (CUPA) for additional information related to this listing.
<i>ENF</i>	El Segundo Power, LLC is identified on the Enforcement Action (ENF) database. This listing is related to Notice of Violations (NOVs) related to the Site's storm water discharge.
<i>HWP</i>	SCE is listed on the EnviroStor Permitted Facilities Listing (HWP) database. The HWP database is a database is detailed information on permitted hazardous waste facilities and corrective action tracked in Envirostor.
<i>LA County HMS</i>	The Los Angeles Industrial Waste and Underground Storage Tank Site (HMS) listing is managed by the Los Angeles Public Works Department. The Site was identified based on the current USTs and hazardous waste located on-site.
<i>UST</i>	The UST listing is related to the ammonia UST located at the Site.
<i>ERNS</i>	The site address was identified twice on the ERNS. ERNs records and stores information on reported releases of oil and hazardous substances.
<i>NPDES</i>	The Site was identified as a NPDES site. Storm water discharges at the Site are

Environmental Database	Database Information
	regulated under the NPDES permit.
<i>Historic UST</i>	El Segundo Pump Station is listed on the Historic UST database for the removal of two USTs discussed in Section 5.1.
<i>WDS</i>	The Waste Discharge System (WDS) is a listing of sites which have been issued waste discharge requirements, as previously discussed above.
<i>Historic UST</i>	Twelve USTs are identified at the Site, as previous discussed in Section 5.1.
<i>AST</i>	El Segundo Power, LLC is identified on the AST database, as previously discussed in Section 4.3.2.

### 5.3 Summary of Surrounding Area History

The chronology of the adjacent properties and surrounding area is based on ERM's review of reasonably ascertainable resources researched for the Site (refer to Table 5-1).

The Chevron Refinery (previously Standard Oil Company), located to the east of the subject property, and the Chevron Marine Terminal, located to the north, which are identified on the 1924 topographic and map and appear on the 1927 aerial photograph, appear to have been built shortly after the turn of the century. The current electrical substation appears to have been constructed at the same time as Units 1 & 2. The substation appears to have increased in size between the 1950s and 1960s, which appears consistent with the addition of Units 3 & 4 to the Site. Residential housing south of the current tank farm predates the ESGS, with at least some of the structures in place as of 1927. Other than increased density of housing, there have been no changes since that time. The Chevron service station was present as early as 1975. There has been no apparent change in use since then.

No indications of environmental concerns having occurred on, or in the surrounding area of the Site were observed by ERM during the Site visit, with exception of the Chevron Refinery, as discussed in 2.4.2 and Appendix C.

## 6 Conclusions and Opinions



ERM conducted a Phase I ESA at the Site. Our conclusions and opinions are based on a scope of work that followed the requirements set forth in ASTM Standard E 1527-05 and 40 CFR 312. A summary of ERM's conclusions and opinions are presented below.

Based on the data obtained during the Site visit, review of publicly available sources of information, and interviews with persons familiar with the Site and its history, the following environmental conditions were identified at the Site:

Summary of Identified Issues
<b>Recognized Environmental Conditions (RECs)<sup>1</sup></b>
<i>Known Impacts from the Chevron Refinery:</i> The Los Angeles Regional Water Quality Control Board (LARWQCB) issued Cleanup and Abatement Order No. 88-55 in 1988 directing Chevron USA to clean up a total petroleum hydrocarbon (TPH) and volatile organic compound release to soil and groundwater at the Chevron Refinery. Chevron USA installed a system of wells, connective piping, and an extraction system to recover petroleum hydrocarbons in groundwater from the Chevron Refinery and surrounding areas. In 1995, the LARWQCB issued a Revised Cleanup and Abatement Order No. 88-55 to Chevron Refinery for contaminant clean up in groundwater and soil vapor beneath the Site. Contaminated groundwater from the Chevron Refinery migrated beneath the Site and has been the subject of groundwater recovery and monitoring operations directed by Chevron USA. Although some degree of remediation has been completed, significant impact to groundwater remains and Chevron USA is regulatory-required to continue monitoring activities, including several wells on the Site. The groundwater impact from the Chevron Refinery is a REC at the site.
<i>Uninvestigated Areas of Concern (AOCs), Areas of Potential Concern (AOPCs) and Historic Site Use:</i> The RCRA Facility Investigation (RFI) Work Plan, dated 2010, identifies eight AOCs and 29 AOPCs at the Site. Several AOCs and AOPCs were addressed as part of the construction activities related to the ESEC; however, eight of these AOPCs have not been investigated and, therefore, the soil and groundwater in these areas may have been impacted through Site activities. It should be noted the AOCs and AOPCs identified in the RFI Work Plan are related to former Units 1 & 2, and additional AOPCs/AOCs may be identified during redevelopment of Units 3 & 4. Based on the long operating history of the Site, there could be soil contamination resulting from former equipment or processes of which there is no current visible indication or historical record. Based on discussions with facility personnel, these remaining AOCs and AOPCs will be addressed during the decommissioning and demolition of Units 3 & 4.
<i>Known Heavy Metal Impacts Associated with the Retention Basins:</i> The Site is identified on the Resource Conservation and Recovery Act Corrective Action database. This listing is related to the historic non-permitted discharge of hazardous wastes to the on-Site retention basins. The retention basins have historically been used to store wastewater that may contain oil, grease, and suspended solids from day-to-day plant operation. In the past, metals and acidic solutions from boiler cleaning were temporarily stored in the basins while being neutralized and treated to remove the metals. The wastewater from day-to-day operations was, and is currently, discharged to the ocean under the provisions of a National Pollutants Discharge Elimination System permit issued by the United States Environmental Protection Agency (USEPA). The temporary storage of acidic solutions containing metals was discontinued in the early 1990s. According to Southern California Edison (SCE), SCE retains responsibility under the contract of sale for environmental liability associated with the facility's historic operation of the retention basins. In 1996, under Department of Toxic Substances (DTSC) oversight, SCE began investigation of soil and groundwater beneath the basins and associated pipelines. Investigations conducted

## Summary of Identified Issues

by SCE in the area of the retention basins found that soil and groundwater beneath, and at localized areas parallel to, the pipelines between the generating units and the retention basins have been impacted by heavy metals, primarily nickel and vanadium. SCE continues to perform periodic groundwater monitoring at wells surrounding the basins in accordance with a DTSC approved Sampling and Analysis Plan. SCE has submitted a Closure Plan for public review and comment and has received DTSC approval in July 2010. According to the most recent monitoring report reviewed, elevated concentrations of metals continue to be detected in groundwater at some monitoring locations. SCE is required to mitigate impacted soil and groundwater under DTSC oversight during closure activities.

*Known TPH-impacted Soil beneath Visitor Parking Area:* Two bulk ASTs were historically located in the southern portion of the Site, in the current parking and laydown area. The two tanks were demolished and removed from the Site in 2011 and 2013. Based on document reviews and interviews with facility personnel, the soil beneath the ASTs are impacted with hydrocarbons. Protective asphalt caps were installed to prevent infiltration of surface water/rainwater and keep facility personnel from coming into contact with impacted soil. The known presence of impacted soil in the current parking area is considered a REC. Based on conversations with facility personnel NRG will be conducting additional investigations to assess the impacted areas.

*Suspect Structures and Metal-impacted Soil:* Reportedly, boiler chemical waste was discharged to trenches/pits located adjacent to the west of the switchyard, and north of the Gas Compressor building. Two suspect features, potentially pits, are identified in this area on the 1956 aerial photograph. Between June 2010 and December 2011, a layer of black-stained soil was encountered during excavations related to the construction of the Gas Compressor building. The black-stained soil appeared to be limited to the area north of the administration trailers. The stained soil ranged from 2 to 10 inches in thickness, and was encountered from approximately 4 to 8 feet bgs; black stained soil was also encountered in deeper soil near the entrance road where the ground surface elevation increases. In several locations, the soil beneath the black interval is stained yellow. The yellow staining extends from several inches to several feet below the black interval. Review of the laboratory results of samples collected from the black-stained soil indicates elevated concentrations of metals, particularly arsenic, lead, nickel and vanadium. In addition, several other metals detected were also detected above concentrations that would generally be considered background concentrations for this location. The presence of metal-impacted soil at the Site is considered a REC. Based on conversations with facility personnel, NRG will conduct further assessments as part of the decommissioning of Units 3 & 4.

*PCB-impacted Groundwater:* During the course of the redevelopment project, PCBs were detected at the soil-groundwater interface in two areas of the Site, the northwest and southwest corners of the former Units 1 & 2 foundations. Groundwater sampling conducted in July 2011 confirmed that PCBs were present in groundwater in the southwest area at concentrations ranging from approximately 2 to 10 parts per billion. PCBs were not detected in groundwater samples from the northwest area. The presence of PCB impacted groundwater from former operations at the site is considered an REC. NRG is in the process of implementing a groundwater assessment program.

### Historical Recognized Environmental Conditions (HRECs)<sup>2</sup>

*Former Units 1 & 2:* Twenty-nine AOPCs were identified at the Site. Twenty-one of the 29 AOPCs were located in the area of the current ESEC/former Units 1 & 2. The majority of the structures, with the exception of one small building associated with the former forklift repair shop and the firewater storage tank and associated fire pumps in the northeast corner of the ESEC area, have been demolished and the area was excavated to between 8 and 10 feet bgs across the entire ESEC project area. In addition, the northwest and southwest corners of the former Units 1 & 2 power block slab foundations were excavated to between 18 and 21 feet bgs to address PCB hot spot areas. Although these features have been assessed, and to the extent possible completely removed/remediated, due to the fact that the entire Site RCRA process is still active these AOPC are considered HRECs.

### De Minimis and Other Potential Issues

#### *De Minimis Issues<sup>4</sup>*

*De Minimis Staining:* Minor oil staining was noted on concrete floors at a number of locations in the basement and first floor of Units 3 & 4. The stains do not appear to present a material risk to public health or the environment, and generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

## Summary of Identified Issues

*Known Asbestos-containing Material (ACM) and Lead-based Paint (LBP):* ACM and LBP are present at the Site, mainly within Units 3 & 4. Prior to conducting any demolition work, materials must be tested for ACM. Painted surfaces must be tested to determine if they contain lead. All confirmed ACM and LBP should be disposed of as hazardous waste in accordance with applicable regulations.

*Historic Railroad:* The Pacific Electric Railroad historically traversed the Site. According to facility personnel, during various excavation activities, wood ties from the former railroad were commonly uncovered. Railroad wood ties were historically treated with various chemical mixtures, such as copper chromate arsenic, to prevent deterioration. When uncovered, wood identified as potentially being related to the former railway must be handled as a hazardous waste unless testing dictates otherwise.

*Historical Releases:* Historical releases at the Site were reported in the Emergency Response Notification System and California Hazardous Material Incident Reporting System databases. Based on the database listings, each release was satisfactorily addressed at the time of the incident.

- (1) The term "recognized environmental condition" means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws.
- (2) The term "historical recognized environmental condition" means an environmental condition which in the past would have been considered a REC, but which may or may not be considered a REC currently.
- (3) Please note that a materiality threshold of \$50,000 USD per issue for environmental compliance was utilized as part of this assessment. The \$50,000 threshold refers to costs to correct the identified issue; it does not consider potential penalties.
- (4) De minimis issues are considered to be minor in nature and are issues that generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.
- (5) Other potential issues are considered minor environmental compliance issues which are unlikely to have material implications or for which costs to address are not likely considered to reach the materiality threshold.

## 7 Qualifications of Environmental Professional



This assessment was conducted by Ms. Kate Mitsch and Mr. Kevin Bryan of ERM. Mr. Steven Williams of ERM reviewed the contents of this report. The professional qualifications for Ms. Mitsch, Mr. Bryan and Mr. Williams are included in Appendix F. The signatures for Ms. Mitsch and Mr. Stevens are affixed onto the cover of this report. Mr. Williams is the designated Environmental Professional for this project and prepared the following declaration.

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

# 8 Limitations



## 8.1 General Limitations

There are a number of exclusions and limitations associated with this assessment. These are briefly outlined below:

- This report has been prepared by ERM exclusively for the Client and may not be relied upon by any other recipient, person or entity (together, henceforth, "Other Recipient") without ERM's express, written permission. ERM makes no warranties or representations to any Other Recipient and has no obligation to advise any Other Recipient regarding changes to this report or changes in applicable laws and regulations subsequent to the date of this report. In receiving this report, any Other Recipient agrees that that (a) it will make no claim against ERM that relates in any way to this report, or the Other Recipient's access to this report, and (b) to the fullest extent permitted by applicable law, Other Recipient hereby releases ERM from, and will defend and hold harmless ERM from and against, any claim, action, suit, damage, loss, award, liability, expense, cost, or fees including attorneys' fees arising from or relating to any use or disclosure of the report or any portion thereof by Other Recipient or any 3<sup>rd</sup> party to whom Other Recipient discloses the Report. Notwithstanding the foregoing, if requested, ERM will issue reliance letters allowing lenders or other interested parties to rely on the contents of this report, in accordance with ERM's terms and conditions, for financing or other purposes.
- ERM is an environmental consulting firm, and as such we make no representations regarding questions of legal or accounting interpretation. Consultation with an attorney and/or certified accountant should be made with respect to any legal or accounting matters, or items that require such interpretation, under any law, regulation or contract.
- ERM did not independently verify information on publicly available databases or obtained from applicable regulatory agencies. Therefore, our findings are accurate and complete only to the extent that information provided to ERM was itself accurate and complete.
- The conclusions presented in this report represent ERM's professional judgment based on the information made available to us during the course of this assessment and are true and correct to the best of ERM's knowledge as of the date of this report.
- The environmental compliance review did not consider annual costs associated with maintaining compliance in the normal course of business, such as costs associated with ongoing operation of existing pollution control equipment, permit renewals and required record keeping and agency submittals.
- No sampling or testing of soils, waters or other materials were included in this assessment. However, reference has been made to previous testing and sampling, as appropriate.
- We have assumed that the Site will continue to be used for current, industrial purposes. Our assessment does not include provision for Site closure or change in land use.
- State-specific regulations related to property transfer (or ownership changes) may apply to the proposed transaction. Costs related to compliance with these State requirements were not included in ERM's assessment.

## 8.2 ASTM Limitations

The innocent landowner, contiguous owner, and prospective purchaser defenses to liability under CERCLA require that a person acquiring property conduct an all appropriate inquiry with respect to the Site. ERM has conducted this environmental assessment in accordance with the standards for conducting an all appropriate inquiry set forth at 40 CFR Part 312. Those standards require the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations and exercise of discretion. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, and data gaps identified herein, scope of work, budget, and schedule. Those standards also require that the Client undertake certain additional inquiries. In addition, the liability defenses under CERCLA require, among several other things, that the Client after the acquisition stop any continuing releases, prevent any future threatened releases and prevent or limit human, environmental or natural resource exposure to any hazardous substance released at the Site. Therefore, ERM makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose, including any warranty that this Phase I assessment will in fact qualify Client for the innocent landowner, contiguous property owner or prospective purchaser defense to liability under CERCLA. ERM's assessment is limited strictly to identifying recognized environmental conditions associated with the Site. Results of this assessment are based upon the visual Site inspection of readily accessible areas of the Site conducted by ERM personnel, information from interviews with knowledgeable persons regarding the Site, information reviewed regarding historical uses, information provided by contacted regulatory agencies, and review of publicly available and practically reviewable information identifying current and historical uses of the property and surrounding properties. All conclusions and recommendations regarding the Site represent the professional opinions of the ERM personnel involved with the project, and the results of this report should not be considered a legal interpretation of existing environmental regulations. ERM assumes no responsibility or liability for errors in the public data utilized, Statements from sources outside of ERM, or developments resulting from situations outside the scope of this project. We make no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose.

**Figures**





SOURCE: VENICE, CA 7.5 MINUTE TOPOGRAPHIC QUADRANGLE, 1981

SCALE: 1:24,000

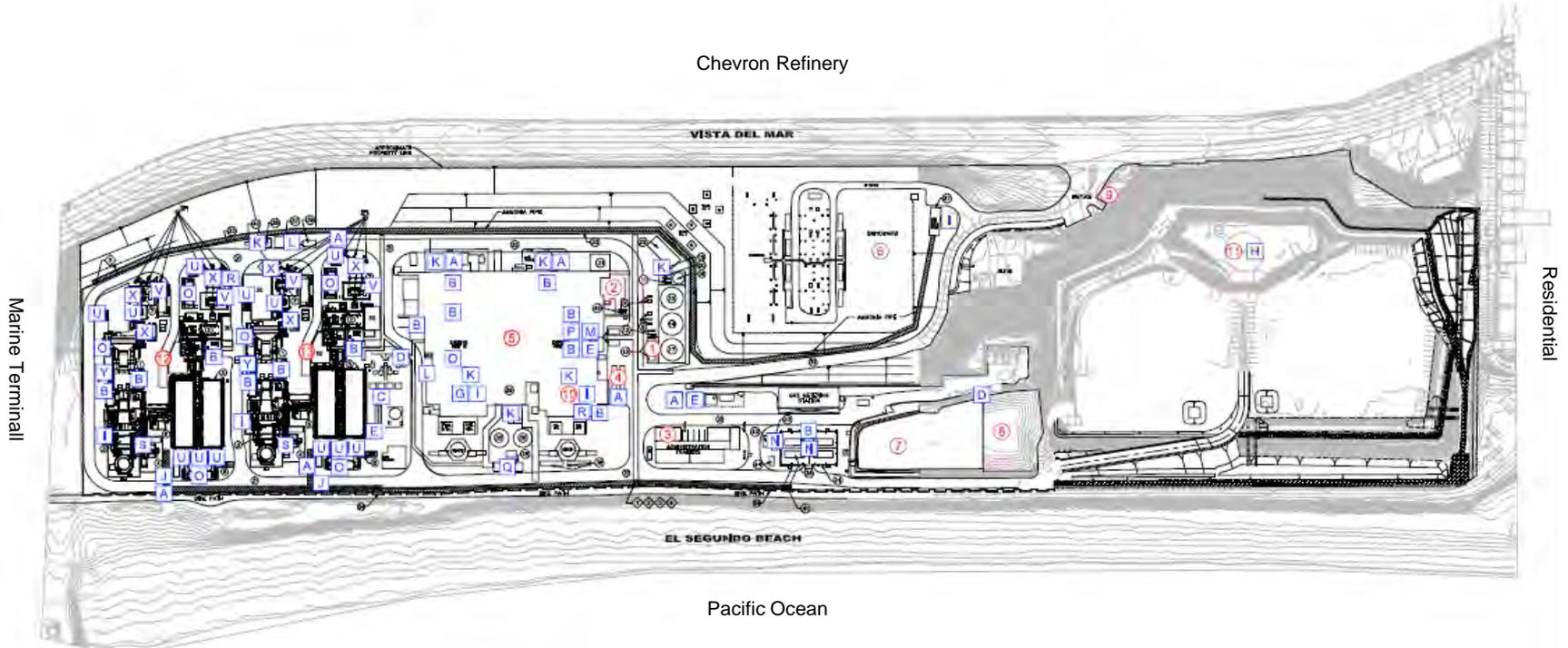


**SITE LOCATION MAP**  
**NRG.**  
**301 Vista Del Mar**  
**El Segundo, CA**

Figure

**1**

Chevron Refinery



**Buildings/Structures**

- 1 Fire Pump
- 2 Machine Shop
- 3 Admin
- 4 Warehouse
- 5 Units 3 & 4
- 6 Switchyard (Owned by So. Cal Edison)
- 7 Waste Water Retention Basin
- 8 Waste Water Retention Basin
- 9 Security Guard Station
- 10 Empty Barrel Storage/Universal Waste Accumulation
- 11 Plains All American Pipeline Terminal
- 12 Unit 5 & 6
- 13 Unit 7 & 8

**Materials Storage**

- |   |   |                              |
|---|---|------------------------------|
| A Compressed Gas Bottles/Propane                                    | J Ammonia Aqua 19%                              | U Petroleum Hydrocarbon Oil  |
| B Lubricating Oil Storage   | K Mineral Oil                                   | V Highly Refined Mineral Oil |
| C Hydrogen Storage  | L Nitrogen (Liquid)                             | W Gasoline (1)               |
| D Sodium Hypochlorite   | M Grease  | X Sulfur Hexafluoride (SF6)  |
| E Hazardous Waste Storage Accumulation Area                         | N Hazardous Waste Condensate Tank               | Y FM-200                     |
| G Ethanol/TSP/NaOCl 8338/7330/LCS-20/ST-1000                        | O Electrolyte/Batteries/Lead                    |                              |
| H Cutter Stock Storage Tank (Owned by Plains All American Pipeline) | P Simple Green                                  |                              |
| I Aqueous Ammonia 28%   | Q VITEC 3000/ Sodium Bisulfite/Sodium Hydroxide |                              |
|   | R Diesel Fuel                                   |                              |
|   | S Glycol Solution                               |                              |

Note:  
 (1) Diesel and gasoline fueled equipment may be present at various locations throughout the site

Source: 2013 Hazardous Materials Business Plan



**SITE & SURROUNDING AREA MAP**  
 El Segundo Generating Station  
 El Segundo, California

NOT TO SCALE



**Appendix A**  
Site Photographs





*Looking north over the waste water retention basins*

<i>Photograph #1</i>	<b>ERM</b>	<i>NRG Power El Segundo, California</i>
----------------------	------------	---



*View of Units 3&4 cooling towers with the new ESEC in background*

<i>Photograph #2</i>	<b>ERM</b>	<i>NRG Power El Segundo, California</i>
----------------------	------------	---



*South facing side of Unit #4*

*Photograph #3*

**ERM**

*NRG Power  
El Segundo, California*



*Spill Control area*

*Photograph #4*

**ERM**

*NRG Power  
El Segundo, California*



*Hazardous Waste Storage Area*

*Photograph #5*

**ERM**

*NRG Power  
El Segundo, California*



*Sodium Hypochlorite storage tank near seawater handling pumps*

*Photograph #6*

**ERM**

*NRG Power  
El Segundo, California*



*Sodium Hypochlorite storage tank at wastewater retention basins*

*Photograph #7*

**ERM**

*NRG Power  
El Segundo, California*



*Fuel compressor unit*

*Photograph #8*

**ERM**

*NRG Power  
El Segundo, California*



*Stormwater inlet at southwestern corner of Site*

*Photograph #9*

**ERM**

*NRG Power  
El Segundo, California*



*Manifold area for ammonia USTs*

*Photograph #10*

**ERM**

*NRG Power  
El Segundo, California*



*Hazardous material storage area in Unit 4*

*Photograph #11*

**ERM**

*NRG Power  
El Segundo, California*



*Switch gear for new generating unit (ESEC)*

*Photograph #12*

**ERM**

*NRG Power  
El Segundo, California*



*Seawater handling screens/filters/pumps area units 3 & 4*

<i>Photograph #13</i>	<b>ERM</b>	<i>NRG Power El Segundo, California</i>
-----------------------	------------	---



*New generating units looking north*

<i>Photograph #14</i>	<b>ERM</b>	<i>NRG Power El Segundo, California</i>
-----------------------	------------	---



*Air intake unit 5*

*Photograph #15*

**ERM**

*NRG Power  
El Segundo, California*



*Compressor lubrication storage tank*

*Photograph #16*

**ERM**

*NRG Power  
El Segundo, California*

# Appendix B

## ASTM Definitions and Requirements



### Discussion of ASTM definitions

A *Recognized Environmental Condition (REC)*, as defined in American Society for Testing and Materials (ASTM) E 1527-05, is “The presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property...The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

A *Historical REC* is defined as “...an environmental condition which in the past would have been considered a recognized environmental condition, but may or may not be considered a recognized environmental condition currently.”

A *de minimis condition* is defined as issues which are not considered a REC and “...generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

A *data gap* is defined as the “lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). The report shall identify and comment on significant data gaps that affect the ability of the EP to identify recognized environmental conditions and identify the sources of information that were consulted to address the data gaps.”

A *data failure* occurs “when all of the standard historical sources that are reasonably ascertainable [within the User-prescribed timeframe] and likely to be useful have been reviewed and yet the objectives have not been met. Data failure is not uncommon in trying to identify the use of the property at five year intervals back to first use or 1940 (whichever is earlier). Notwithstanding a data failure, standard historical sources may be excluded if: (1) the sources are not reasonably ascertainable, or (2) if past experience indicates that the sources are not likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives.”

The *User* of the report is defined as “...the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.”

### Data Gaps and Data Failures

The following table summarizes the data gaps and/or data failures identified during the Site assessment. Significance to identifying conditions indicative of releases or threatened releases to the Site is rated from low to high.

**Table B-1 Summary of Data Gaps / Failures**

Data Gap / Failure	Sources Consulted to Address Data Gap	Significance
Interviews with former owners/operators were not conducted.	In lieu of the interviews, ERM reviewed historical topographic maps, aerial photographs and previous reports prepared for the Site.	Low
ERM was not able to review agency closure documentation for the former underground storage tanks at the Site within the User-prescribed project timeframe.	A similar file review was conducted as part of other Phase I Environmental Site Assessments (ESAs). ERM reviewed the information contained in these reports.	Moderate

**User Provided Information**

ERM has not received a completed User Questionnaire. The User Questionnaire includes the following topics:

- An evaluation of the presence of Environmental Cleanup Liens for the Site;
- Activity and Use Limitations such as engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place for the Site;
- Specialized Knowledge that includes personal knowledge or experience related to the Site or nearby properties based on professional experience or knowledge of the Site;
- Fair Market Value to evaluate whether a purchase price is significantly below Fair Market Value;
- Obvious Indicators that involve past or present spills, stains, releases, cleanups on or near the Site; and
- Common Knowledge about specific chemicals, possible contamination, or past use of the Site and surrounding area.

**Reason for Performing Phase I**

This Phase I ESA has been performed to identify potential environmental liability issues of the Site and to provide technical assistance to NRG in relation to financial lending for the Site.

## Appendix C

### 3<sup>rd</sup> Party Database Search



ERM contracted Environmental Data Resources (EDR) to conduct a database search for agency records. The database report (attached below) defines and summarizes the American Society for Testing and Materials (ASTM) databases reviewed in the EDR report and notes if any facilities were identified in the specified radius. The locations of the sites identified in the EDR report were evaluated to determine which sites were located within the ASTM specified search distance from the Site boundary. Only those sites worthy of further discussion are discussed below and data on additional sites is in the appended EDR database report.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately  $\pm 300$  feet. The EDR report provides a list of unmapped Sites for which inadequate location information was provided. Based on maps of the area, the required database search radius for a given database, and the Site reconnaissance, it appears that the unmapped sites are outside of the ASTM Standard radius of study and/or highly unlikely to present an environmental liability for the Site.

Sites identified within the study radii were evaluated to determine if they are likely to have adversely impacted the Site. The criteria used to evaluate the potential for adverse impact to the Site include:

- Distance from the Site;
- Expected depth and direction of groundwater and surface water flow;
- Geology and physical ground conditions;
- Expected storm water flow direction; and
- The presence/absence of documented contaminant releases at the identified sites that have not been remedied to the satisfaction of regulators.

The identification of a Site as potentially upgradient or downgradient is based on the expected direction of groundwater flow to the west.

When evaluating the potential adverse impacts of potential impacts associated with off-Site properties, it has been determined that some of these are not expected to adversely impact the Site because of one or more of the following reasons: (1) the case has been closed to the satisfaction of regulators, (2) the off-Site property is located down-gradient of the Site, or (3) the off-Site property is located at such a distance from the Site that it is considered unlikely to have an adverse impact.

The following listed surrounding facilities are worthy of note and further discussion:

- *Chevron Refinery*– The Los Angeles Regional Water Quality Control Board (LARWQCB) issued Cleanup and Abatement Order No. 88-55 in 1988 directing Chevron to cleanup a total petroleum hydrocarbon and volatile organic compound release to soil and groundwater at the Chevron Refinery. Chevron USA installed a system of wells, connective piping, and an extraction system to recover petroleum hydrocarbons in groundwater from the Chevron Refinery and surrounding areas. In 1995, the LARWQCB issues a Revised Cleanup and Abatement Order No. 88-55 to Chevron Refinery for contaminant cleanup in groundwater and soil vapor beneath the Site.

Contaminated groundwater from the Chevron Refinery has migrated beneath the Site and has been the subject of groundwater recovery and monitoring operations by Chevron USA. Although some degree of remediation has been completed, significant impact remains and Chevron is required to continue monitoring activities, including several wells on the Site. The groundwater plume from the Chevron Refinery is a recognized environmental condition at the site.

**NRG Energy Inc.**

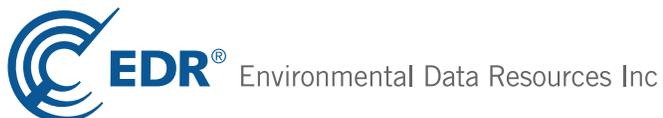
301 Vista Del Mar

El Segundo, CA 90245

Inquiry Number: 03746428.2r

October 02, 2013

# The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
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 .....	8
Orphan Summary .....	388
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 .....	A-14

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

### Disclaimer - Copyright and Trademark Notice

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

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

301 VISTA DEL MAR  
EL SEGUNDO, CA 90245

#### COORDINATES

Latitude (North): 33.9099000 - 33° 54' 35.64"  
Longitude (West): 118.4246000 - 118° 25' 28.56"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 368294.4  
UTM Y (Meters): 3752885.2  
Elevation: 18 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33118-H4 VENICE, CA  
Most Recent Revision: 1981

### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
EL SEGUNDO GENERATING STATION 301 VISTA DEL MAR EL SEGUNDO, CA 90245	RMP	N/A
301 VISTA DEL MAR 301 VISTA DEL MAR EL SEGUNDO, CA 90245	ERNS	N/A
EL SEGUNDO PUMPING & HEATING STAT 301 S VISTA DEL MAR EL SEGUNDO, CA 90245	HAZNET	N/A
EL SEGUNDO GENERATING STATION 301 VISTA DEL MAR BLVD SITE B (SEE MAP EL SEGUNDO, CA 90245	HAZNET	N/A

## EXECUTIVE SUMMARY

SOUTHERN CALIFORNIA GAS CO 301 VISTA DEL MAR EL SEGUNDO, CA 90245	HAZNET	N/A
301SOUTH VISTA DEL MAR 301SOUTH VISTA DEL MAR EL SEGUNDO, CA	ERNS	N/A
SOUTHERN CALIFORNIA EDISON - NRG 301 VISTA DEL MAR EL SEGUNDO, CA 90245	Financial Assurance	N/A
SCE, EL SEGUNDO GENERATING STA 301 VISTA DEL MAR EL SEGUNDO, CA 90245	Toxic Pits Closure Date: / /	N/A
EL SEGUNDO ENERGY CENTER LLC 301 VISTA DEL MAR BLVD STE C EL SEGUNDO, CA 90245	HAZNET	N/A
SO CAL EDISON CO 301 S VISTA DEL MAR EL SEGUNDO, CA 90245	EMI	N/A
PACIFIC TERMINALS LLC 301 S VISTA DEL MAR EL SEGUNDO, CA	FINDS	N/A
PACIFIC TERMINALS LLC 301 S VISTA DEL MAR EL SEGUNDO, CA 90245	EMI	N/A
301 VISTA DEL MAR, EL SEGUNDO POW 301 VISTA DEL MAR, EL SEGUNDO POWER PLANT EL SEGUNDO, CA 90245	CHMIRS	N/A
EL SEGUNDO POWER II LLC NORTH AND 301 VISTA DEL MAR BLVD SITE NO EL SEGUNDO, CA 90245	HAZNET	N/A
ANCON MARINE 301 VISTA DEL MAR EL SEGUNDO, CA 90245	HAZNET	N/A
EL SEGUNDO POWER, LLC 301 S VISTA DEL MAR EL SEGUNDO, CA 90245	CORRACTS RCRA-SQG FINDS US AIRS	CAD000630962

## EXECUTIVE SUMMARY

EL SEGUNDO POWER II LLC NORTH AND 301 VISTA DEL MAR EL SEGUNDO, CA 90245	RCRA-LQG	CAR000114207
SO CAL EDISON PLAZA 301 VISTA DEL SO CAL EDISON PLAZA 301 VISTA DEL MAR EL SEGUNDO, CA 90245	ERNS	N/A
EL SEGUNDO PUMPING STATION 301 SO EL SEGUNDO PUMPING STATION 301 SOUTH VISTA DEL MAR EL SEGUNDO, CA 90805	CHMIRS	N/A
WEST OF 301 VISTA DEL MAR BLVD., WEST OF 301 VISTA DEL MAR BLVD., ON THE BIKE PATH EL SEGUNDO, CA 90245	CHMIRS	N/A
AME ROCKWEL EL SEG AUXILIARY LOS ANGELES, CA	ENVIROSTOR Status: Inactive - Needs Evaluation	N/A
SCE - EL SEGUNDO GENERATING STATI 301 VISTA DELMAR EL SEGUNDO, CA	SLIC Facility Status: Open - Site Assessment	N/A
EL SEGUNDO POWER, LLC 301 VISTA DEL MAR EL SEGUNDO, CA 90245	RCRA-LQG	CAR000036848
EL SEGUNDO POWER PLANT 301 VISTA DEL MAR BLVD EL SEGUNDO, CA 90245	RCRA-LQG	CAR000186189
EL SEGUNDO GENERATING STATION 301 VISTA DEL MAR EL SEGUNDO, CA 90245	TSCA	N/A
EL SEGUNDO ENERGY CENTER LLC 301 VISTA DEL MAR BLVD. EL SEGUNDO, CA 90245	RCRA-LQG	CAR000208090
301 VISTA DEL MAR 301 VISTA DEL MAR EL SEGUNDO, CA 90245	ERNS	N/A
301 VISTA DEL MAR 301 VISTA DEL MAR EL SEGUNDO, CA	ERNS	N/A

## EXECUTIVE SUMMARY

301 VISTA DEL MAR 301 VISTA DEL MAR EL SEGUNDO, CA 90245	ERNS	N/A
301 VISTA DEL MAR 301 VISTA DEL MAR EL SEGUNDO, CA	CHMIRS	N/A
SOUTHERN CALIFORNIA EDISON CO 301 VISTA DEL MAR EL SEGUNDO, CA	SLIC SWEEPS UST CHMIRS Notify 65 LA Co. Site Mitigation ENF EMI HWP	N/A
SCE-EL SEGUNDO GENERATING 301 VISTA DEL MAR EL SEGUNDO, CA	LOS ANGELES CO. HMS	N/A
EL SEGUNDO POWER, LLC 301 VISTA DEL MAR BL. EL SEGUNDO, CA 90245	UST	N/A
301 VISTA DEL MAR 301 VISTA DEL MAR EL SEGUNDO, CA 90245	ERNS	N/A
EL SEGUNDO GENERATING STATION 301 VISTA DEL MAR EL SEGUNDO, CA 90245	NPDES HIST UST CHMIRS ENVIROSTOR Status: Active  WDS	N/A
EL SEGUNDO PUMP STATION 301 VISTA DEL MAR EL SEGUNDO, CA 90245	HIST UST AST	N/A

## EXECUTIVE SUMMARY

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

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

Delisted NPL..... National Priority List Deletions

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

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

#### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

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

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

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

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

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

RESPONSE..... State Response Sites

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

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

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

LUST..... Geotracker's Leaking Underground Fuel Tank Report  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

# EXECUTIVE SUMMARY

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

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

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

VCP..... Voluntary Cleanup Program Properties  
INDIAN VCP..... Voluntary Cleanup Priority Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

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

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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
WMUDS/SWAT..... Waste Management Unit Database  
SWRCY..... Recycler Database  
HAULERS..... Registered Waste Tire Haulers Listing  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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

US CDL..... Clandestine Drug Labs  
HIST Cal-Sites..... Historical Calsites Database  
SCH..... School Property Evaluation Program  
AOCONCERN..... San Gabriel Valley Areas of Concern  
CDL..... Clandestine Drug Labs  
US HIST CDL..... National Clandestine Laboratory Register

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

CA FID UST..... Facility Inventory Database

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

LIENS 2..... CERCLA Lien Information  
LIENS..... Environmental Liens Listing  
DEED..... Deed Restriction Listing

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

HMIRS..... Hazardous Materials Information Reporting System  
LDS..... Land Disposal Sites Listing  
MCS..... Military Cleanup Sites Listing  
SPILLS 90..... SPILLS 90 data from FirstSearch

### ***Other Ascertainable Records***

RCRA NonGen / NLR..... RCRA - Non Generators

## EXECUTIVE SUMMARY

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
UIC.....	UIC Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE.....	Hazardous Waste & Substance Site List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
LEAD SMELTERS.....	Lead Smelter Sites
HWT.....	Registered Hazardous Waste Transporter Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE.....	Steam-Electric Plant Operation Data
MWMP.....	Medical Waste Management Program Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal 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 07/11/2013 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CHEVRON USA EL SEGUNDO REF</b>	<b>324 W EL SEGUNDO BLVD</b>	<b>NE 1/2 - 1 (0.565 mi.)</b>	<b>D45</b>	<b>157</b>

#### ***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 07/11/2013 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CHEVRON STATION NO 97608</b>	<b>601 VISTA DEL MAR</b>	<b>SE 1/8 - 1/4 (0.230 mi.)</b>	<b>B39</b>	<b>140</b>

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

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/05/2013 has revealed that there are 4 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>Not reported</b> Status: Refer: RWQCB	<b>324 W EL SEGUNDO</b>	<b>NE 1/2 - 1 (0.565 mi.)</b>	<b>D44</b>	<b>151</b>
<b>Not reported</b> Status: Refer: RCRA	<b>324 WEST EL SEGUNDO</b>	<b>NE 1/2 - 1 (0.565 mi.)</b>	<b>D47</b>	<b>377</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SLIDE SYSTEMS, INC.</b> Status: Refer: Other Agency	<b>140 STANDARD STREET</b>	<b>NE 1/2 - 1 (0.751 mi.)</b>	<b>48</b>	<b>380</b>
STANDARD OIL CO. Status: Inactive - Needs Evaluation		ENE 1/2 - 1 (0.933 mi.)	49	386

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

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 07/26/2013 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON SS # 1891/97608	601 S. VISTA DEL MAR	SE 1/8 - 1/4 (0.230 mi.)	B37	138

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

Toxic Pits: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there are 2 Toxic Pits 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>LA CITY, DWP SCATTERGOOD GENER</b> Closure Date: 10/18/90	<b>12700 VISTA DEL MAR</b>	<b>NNW 1/2 - 1 (0.559 mi.)</b>	<b>C42</b>	<b>144</b>
<b>Not reported</b> Closure Date: 08/30/91	<b>324 W. EL SEGUNDO BLVD.</b>	<b>NE 1/2 - 1 (0.565 mi.)</b>	<b>D46</b>	<b>375</b>

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

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
97608	601 VISTA DEL MAR	SE 1/8 - 1/4 (0.230 mi.)	B40	143

## EXECUTIVE SUMMARY

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON	601 S VISTA DEL MAR	SE 1/8 - 1/4 (0.230 mi.)	B38	138

### ***Other Ascertainable Records***

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 Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CHEVRON USA EL SEGUNDO REF</i>	<i>324 W EL SEGUNDO BLVD</i>	<i>NE 1/2 - 1 (0.565 mi.)</i>	<i>D45</i>	<i>157</i>

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

A review of the HWP list, as provided by EDR, and dated 05/28/2013 has revealed that there are 2 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>
<i>SCATTERGOOD GENERATING STATION</i>	<i>12700 VISTA DEL MAR</i>	<i>NNW 1/2 - 1 (0.559 mi.)</i>	<i>C43</i>	<i>149</i>
<i>CHEVRON USA EL SEGUNDO REF</i>	<i>324 W EL SEGUNDO BLVD</i>	<i>NE 1/2 - 1 (0.565 mi.)</i>	<i>D45</i>	<i>157</i>

### **EDR HIGH RISK HISTORICAL RECORDS**

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

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

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US

## EXECUTIVE SUMMARY

Hist Auto Stat site within approximately 0.25 miles of the target property.

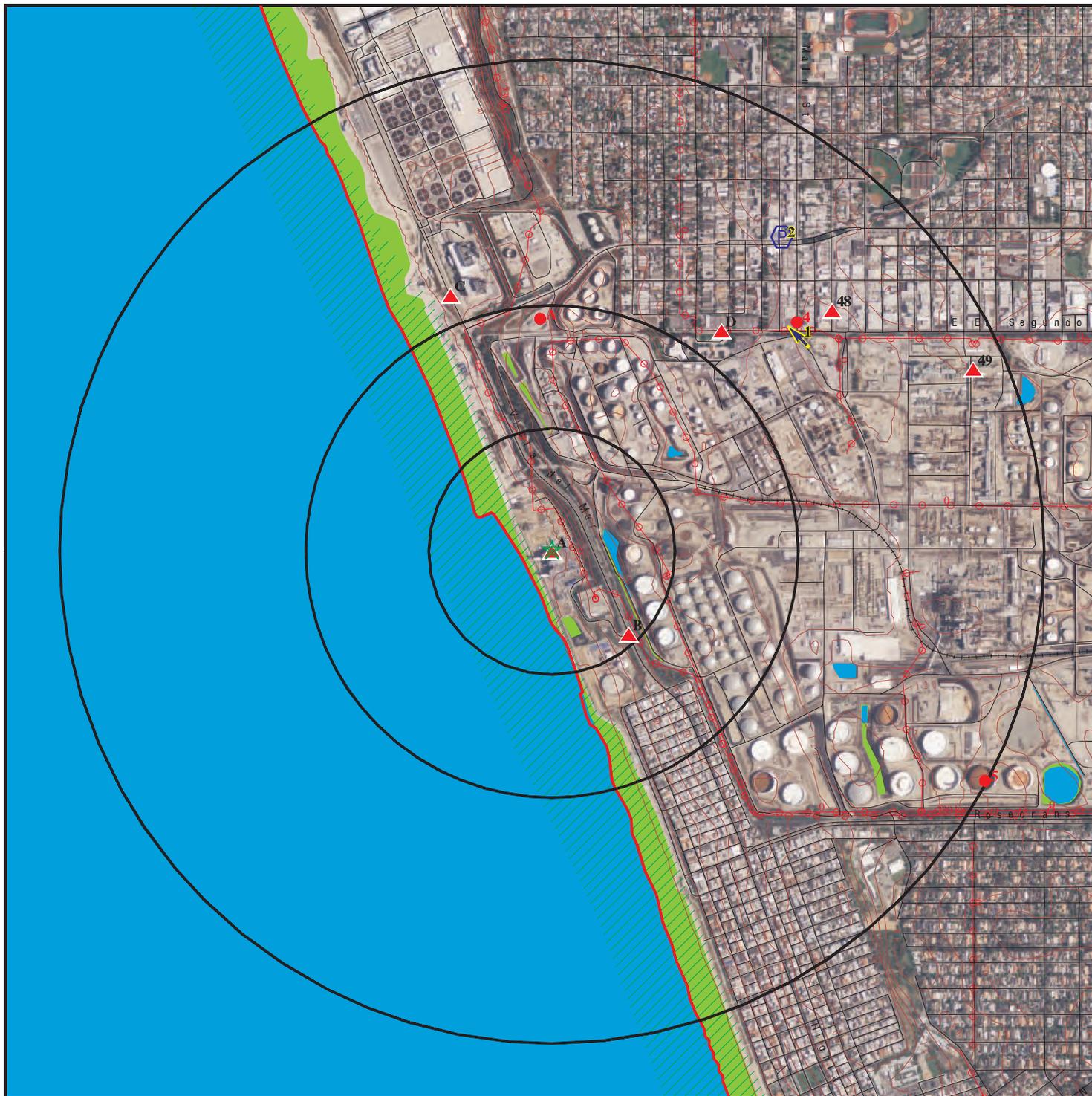
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	601 VISTA DEL MAR	SE 1/8 - 1/4 (0.230 mi.)	B41	144

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

<u>Site Name</u>	<u>Database(s)</u>
MOBIL REFINERY MANHATTAN BEACH	CERC-NFRAP
EL SEGUNDO CITY DUMP	SWF/LF
EL SEGUNDO CITY DUMP	SWF/LF
SOUTHERN CALIFORNIA GAS COMPANY	RCRA NonGen / NLR
VALERO ENERGY CORP	US MINES

# OVERVIEW MAP - 03746428.2r



- ★ 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

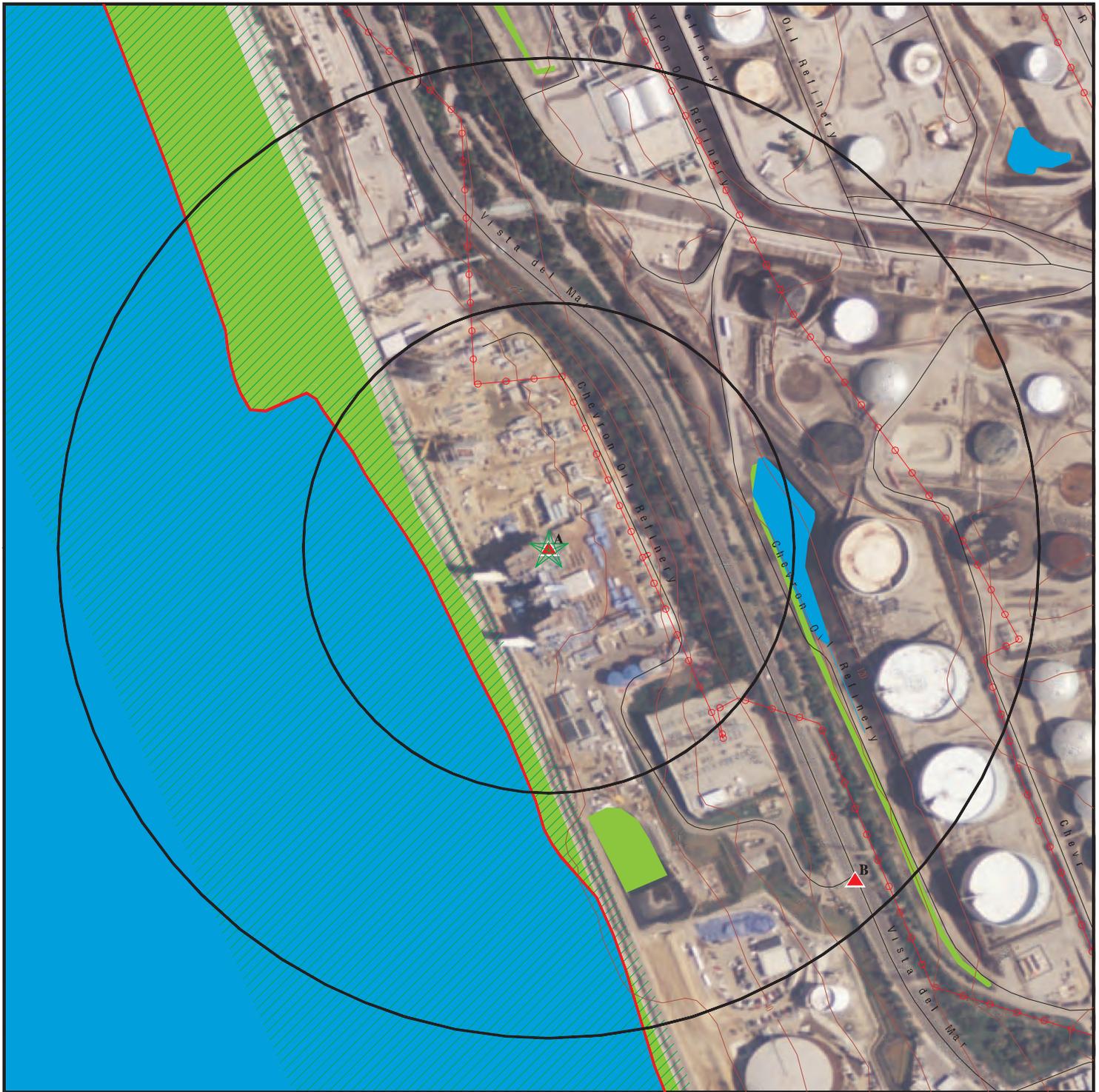
- 0 1/4 1/2 1 Miles
- Indian Reservations BIA
- ▲ County Boundary
- ▲ Power transmission lines
- ▲ Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

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: NRG Energy Inc.  
 ADDRESS: 301 Vista Del Mar  
 El Segundo CA 90245  
 LAT/LONG: 33.9099 / 118.4246

CLIENT: ERM - West, Inc.  
 CONTACT: Kate Mitsch  
 INQUIRY #: 03746428.2r  
 DATE: October 02, 2013 4:28 pm

# DETAIL MAP - 03746428.2r



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

- 0 1/16 1/8 1/4 Miles
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- 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: NRG Energy Inc.  
 ADDRESS: 301 Vista Del Mar  
 El Segundo CA 90245  
 LAT/LONG: 33.9099 / 118.4246

CLIENT: ERM - West, Inc.  
 CONTACT: Kate Mitsch  
 INQUIRY #: 03746428.2r  
 DATE: October 02, 2013 4:30 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	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	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>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000	1	0	0	0	1	NR	2
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250	4	0	1	NR	NR	NR	5
RCRA-SQG	0.250	1	0	0	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP	7	NR	NR	NR	NR	NR	7
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000	2	0	0	0	4	NR	6
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500	2	0	0	0	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST	0.250	1	0	1	NR	NR	NR	2
AST	0.250	1	0	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>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>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000	1	0	0	0	2	NR	3
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250	2	0	1	NR	NR	NR	3
SWEEPS UST	0.250	1	0	1	NR	NR	NR	2
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP	6	NR	NR	NR	NR	NR	6

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP	1	NR	NR	NR	NR	NR	1
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP	1	NR	NR	NR	NR	NR	1
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP	1	NR	NR	NR	NR	NR	1
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000	1	0	0	0	1	NR	2
LA Co. Site Mitigation	TP	1	NR	NR	NR	NR	NR	1
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
LOS ANGELES CO. HMS	TP	1	NR	NR	NR	NR	NR	1
ENF	TP	1	NR	NR	NR	NR	NR	1
HAZNET	TP	6	NR	NR	NR	NR	NR	6
EMI	TP	3	NR	NR	NR	NR	NR	3
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
WDS	TP	1	NR	NR	NR	NR	NR	1
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP	1	NR	NR	NR	NR	NR	1
HWP	1.000	1	0	0	0	2	NR	3
HWT	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	1	NR	NR	NR	1
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

#### 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** EL SEGUNDO GENERATING STATION  
**Target** 301 VISTA DEL MAR  
**Property** EL SEGUNDO, CA 90245

**RMP** 1011822984  
 N/A

**Site 1 of 36 in cluster A**

**Actual:**  
**18 ft.**

Risk Management Plan (RMP) Facility Details:

Facility ID:	7883
LEPC city:	Not reported
Facility decimal latitude:	34.823139
Facility decimal longitude:	-117.645611
Is facility in county box:	T
LatLong method:	A4
LatLong description:	AB
Home page web address:	Not reported
Facility telephone:	Not reported
Facility email:	Not reported
Facility DUNS #:	197234768
Parent's name:	Not reported
Partner's name:	Not reported
Parent's DUNS #:	0
Partner's DUNS #:	0
Operator's name:	El Segundo Power LLC
Operator's telephone:	3106156303
Operator's address:	301 Vista Del Mar
Operators City,St,Zip:	El Segundo, CA 90245
RMP implementation contact:	Audun Aaberg
RMP contact title:	Regional Plants Manager
Emergency contact:	Alex Sanchez
Emergency contact title:	Safety and Environmental Specialist
Emergency contact telephone:	3106156351
24 hour emergency telephone:	3106156313
Emergency contact ext/pin #:	Not reported
Number of full time employees:	60
EPA ID:	CAR000036848
Facility ID provided by CEPPO:	100000102667
Is facility covered by OSHA PSM:	F
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	T
Clean air op. permit/State ID:	018763
Last safety insp. dat:	1/6/1999
Inspected by:	Fire Department
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	First Time
RMP description:	Not reported
Facility has no accident hist. recs:	True
Foreign owner's address:	Not reported
Foreign owner's zip:	Not reported
Foreign owner's country:	Not reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	7/8/1999
Date of error Report:	Not reported
Date RMP received:	6/21/1999
Does RMP contain graphics files:	False
Does RMP contain attachments:	False
Was certification letter received:	True
RMP submission method:	RMP*Submit
Does RMP contain CBI substantiation:	False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Does RMP contain electronic waiver: False  
Date RMP postmarked: 6/18/1999  
Is RMP complete: True  
Date of de-registration: Not reported  
Date de-registration is effective: Not reported  
Anniversary date: 6/18/2004  
Does RMP contain CBI data: False  
Does RMP contain unsanitized CBI version: False  
RMP version #: 1.1.7  
FRS latitude: 33.91028  
FRS longitude: -118.42389  
FRS Description: FACILITY CENTROID  
FRS Method: INTERPOLATION-MAP

Process Details:

Process ID: 9477  
NA & Industry Classification Sys.code(s): 221112  
NAICS code description: Fossil Fuel Electric Power Generation  
Optional facility description: Not reported  
Program level: 2  
Record contains CBI data: False

Process chemical(s):

Chemical name: Ammonia (conc 20% or greater)  
Process chemical qty in 100s lbs: 44836  
Process flammable chemical name: Not reported

Process Toxic Alt. Releases:

Percent weight of chemical: Not reported  
Physical state: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: Not reported  
Stability class: Not reported  
Topography: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Toxics Worst Case:

Percent weight of chemical: Not reported  
Physical state: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: Not reported  
Stability class: Not reported  
Topography: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Process Flammables Alt. Releases:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Flammables Worst Case:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Public OCA Chemical
Process chemical qty in 100s lbs:	0
Process flammable chemical name:	Not reported
Process Toxic Alt. Releases:	
Percent weight of chemical:	29.5
Physical state:	b
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	3
Stability class:	D
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Percent weight of chemical:	29.5
Physical state:	b
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	3
Stability class:	D
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Toxics Worst Case:	
Percent weight of chemical:	29.5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Physical state: b  
Analytical basic: EPA's RMP\*Comp(TM)  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: 10  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 1.5  
Stability class: F  
Topography: a  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported

**Process Flammables Alt. Releases:**

Endpoint used: Not reported  
LFL value: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

**Process Flammables Worst Case:**

Analytical basic: Not reported  
Quantity released in pounds: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Safety review date: Not reported  
Most recent PHA date: Not reported  
Process Hazard Analysis: Not reported  
Expected PHA changes completion date: Not reported  
Major Hazard: Not reported  
Process Control: Not reported  
Mitigation Systems: Not reported  
Monitoring/Detection: Not reported  
Changes since the last process hazard analysis: Not reported  
Most recent review of op. procedures: Not reported  
Most recent training progs review/update: Not reported  
Training: Not reported  
Competency testing: Not reported  
Most recent maintenance review date: Not reported  
Most recent equipment inspection date: Not reported  
Equipment tested: Not reported  
Most recent changes by mgmt: Not reported  
Date of most recent review/update: Not reported  
Date of pre-start review: Not reported  
Most recent compliance audit date: Not reported  
Expected date of audit completion: Not reported  
Most recent incident investigation: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported

**Emergency Response Details:**

ER plan:	Not reported
ER plan most recent review date:	5/12/1999
ER plan most recent employee training date:	6/10/1999
Local agency coordinating ER plan:	City of El Segundo Fire Department
Telephone of the coordinating local agency:	3106072242
Federal regulation:	True
OSHA 1910 120:	True
SPCC:	True
RCRA:	True
OPA 90:	False
EPCRA:	True
Other Regulations:	Not reported

**Risk Management Plan (RMP) Facility Details:**

Facility ID:	1000024201
LEPC city:	California Region 1 LEPC
Facility decimal latitude:	33.908000
Facility decimal longitude:	-118.422700
Is facility in county box:	T
LatLong method:	AO
LatLong description:	OT
Home page web address:	Not reported
Facility telephone:	Not reported
Facility email:	Not reported
Facility DUNS #:	127519580
Parent's name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Partner's name: Not reported  
Parent's DUNS #: 793422213  
Partner's DUNS #: 0  
Operator's name: El Segundo Power LLC  
Operator's telephone: 3106156313  
Operator's address: 301 Vista Del Mar  
Operators City,St,Zip: El Segundo, CA 90245  
RMP implementation contact: Ken H. Riesz, Sr.  
RMP contact title: Station Manager  
Emergency contact: Alex Sanchez / Steve Odabashian  
Emergency contact title: Environmental Coordinator  
Emergency contact telephone: 3105293280  
24 hour emergency telephone: 3106156313  
Emergency contact ext/pin #: Not reported  
Number of full time employees: 45  
EPA ID: 110000520213  
Facility ID provided by CEPPO: 100000102667  
Is facility covered by OSHA PSM: F  
Is facility covered by EPCRA 302: T  
Is fac. covered by CAA Title V 112(2): T  
Clean air op. permit/State ID: 115663  
Last safety insp. dat: 5/23/2010  
Inspected by: Fire Department  
Is it OSHA approved with star/merit ranking: False  
Will RMP involve predictive filing: False  
Submission type: Resubmission  
RMP description: Not reported  
Facility has no accident hist. recs: False  
Foreign owner's address: Not reported  
Foreign owner's zip: Not reported  
Foreign owner's country: Not reported  
Claim # of employees as CBI: False  
Date RMP accepted by EPA: 10/11/2011  
Date of error Report: Not reported  
Date RMP received: 10/11/2011  
Does RMP contain graphics files: True  
Does RMP contain attachments: False  
Was certification letter received: True  
RMP submission method: RMP\*eSubmit  
Does RMP contain CBI substantiation: False  
Does RMP contain electronic waiver: False  
Date RMP postmarked: 10/11/2011  
Is RMP complete: True  
Date of de-registration: Not reported  
Date de-registration is effective: Not reported  
Anniversary date: 10/11/2016  
Does RMP contain CBI data: False  
Does RMP contain unsanitized CBI version: False  
RMP version #: 1.0  
FRS latitude: 33.91028  
FRS longitude: -118.42389  
FRS Description: FACILITY CENTROID  
FRS Method: INTERPOLATION-MAP

Process Details:

Process ID: 1000029613  
NA & Industry Classification Sys.code(s): 221112

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

NAICS code description: Fossil Fuel Electric Power Generation  
Optional facility description: Aqueous Ammonia System  
Program level: 2  
Record contains CBI data: False

Process chemical(s):

Chemical name: Ammonia (conc 20% or greater)  
Process chemical qty in 100s lbs: 42210  
Process flammable chemical name: Not reported

Process Toxic Alt. Releases:

Percent weight of chemical: Not reported  
Physical state: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: Not reported  
Stability class: Not reported  
Topography: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Toxics Worst Case:

Percent weight of chemical: Not reported  
Physical state: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: Not reported  
Stability class: Not reported  
Topography: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported

Process Flammables Alt. Releases:

Endpoint used: Not reported  
LFL value: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Flammables Worst Case:

Analytical basic: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Chemical name: Public OCA Chemical  
Process chemical qty in 100s lbs: 0  
Process flammable chemical name: Not reported

Process Toxic Alt. Releases:  
Percent weight of chemical: 29.4  
Physical state: b  
Analytical basic: EPA's RMP\*Comp(TM)  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 3  
Stability class: D  
Topography: a  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Toxics Worst Case:  
Percent weight of chemical: 29.4  
Physical state: b  
Analytical basic: EPA's RMP\*Comp(TM)  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: 10  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 1.5  
Stability class: F  
Topography: a  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported

Process Flammables Alt. Releases:  
Endpoint used: Not reported  
LFL value: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Flammables Worst Case:  
Analytical basic: Not reported  
Quantity released in pounds: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Passive mitigation:	Not reported	
Safety review date:		Not reported
Most recent PHA date:		Not reported
Process Hazard Analysis:		Not reported
Expected PHA changes completion date:		Not reported
Major Hazard:		Not reported
Process Control:		Not reported
Mitigation Systems:		Not reported
Monitoring/Detection:		Not reported
Changes since the last process hazard analysis:		Not reported
Most recent review of op. procedures:		Not reported
Most recent training progs review/update:		Not reported
Training:		Not reported
Competency testing:		Not reported
Most recent maintenance review date:		Not reported
Most recent equipment inspection date:		Not reported
Equipment tested:		Not reported
Most recent changes by mgmt:		Not reported
Date of most recent review/update:		Not reported
Date of pre-start review:		Not reported
Most recent compliance audit date:		Not reported
Expected date of audit completion:		Not reported
Most recent incident investigation:		Not reported
Expected date of investigation changes:		Not reported
Date of participation plan review:		Not reported
Date of hot work permit review:		Not reported
Date of contractor safety review:		Not reported
Date of contractor safety eval. review:		Not reported
Record has CBI data:		Not reported
Safety review date:		Not reported
Federal Regulation:		Not reported
Federal regulation comment:		Not reported
Major Hazard:		Not reported
Process Control:		Not reported
Mitigation Systems:		Not reported
Monitoring/Detection:		Not reported
Changes since the last process hazard analysis:		Not reported
Most recent hazard review/update:		Not reported
Most recent review of op. procedures:		Not reported
Most recent training progs review/update:		Not reported
Expected completion of review changes:		Not reported
Training:		Not reported
Competency testing:		Not reported
Most recent maintenance review date:		Not reported
Most recent equipment inspection date:		Not reported
Equipment tested:		Not reported
Most recent compliance audit date:		Not reported
Expected date of audit completion:		Not reported
Most recent incident investigation:		Not reported
Expected date of investigation changes:		Not reported
Record has CBI data:		Not reported
Date of most recent changes:		Not reported
Emergency Response Details:		
ER plan:		Not reported
ER plan most recent review date:		7/29/2011
ER plan most recent employee training date:		3/31/2011
Local agency coordinating ER plan:		El Segundo Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Telephone of the coordinating local agency: 3105242242  
Federal regulation: True  
OSHA 1910 120: True  
SPCC: True  
RCRA: True  
OPA 90: False  
EPCRA: True  
Other Regulations: Not reported

**Risk Management Plan (RMP) Facility Details:**

Facility ID: 34581  
LEPC city: California Region 1 LEPC  
Facility decimal latitude: 33.908000  
Facility decimal longitude: -118.422700  
Is facility in county box: T  
LatLong method: AO  
LatLong description: OT  
Home page web address: Not reported  
Facility telephone: Not reported  
Facility email: Not reported  
Facility DUNS #: 0  
Parent's name: Not reported  
Partner's name: Not reported  
Parent's DUNS #: 0  
Partner's DUNS #: 0  
Operator's name: El Segundo Power LLC  
Operator's telephone: 3106156313  
Operator's address: 301 Vista Del Mar  
Operators City,St,Zip: El Segundo, CA 90245  
RMP implementation contact: Audun Aaberg  
RMP contact title: Regional Plants Manager  
Emergency contact: Alex Sanchez/Steve Odabashian  
Emergency contact title: Environmental Specialists  
Emergency contact telephone: 3106156313  
24 hour emergency telephone: 3106156313  
Emergency contact ext/pin #: Not reported  
Number of full time employees: 36  
EPA ID: Not reported  
Facility ID provided by CEPP0: 100000102667  
Is facility covered by OSHA PSM: F  
Is facility covered by EPCRA 302: F  
Is fac. covered by CAA Title V 112(2): T  
Clean air op. permit/State ID: 115663  
Last safety insp. dat: 9/26/2003  
Inspected by: El Segundo CUPA  
Is it OSHA approved with star/merit ranking: False  
Will RMP involve predictive filing: False  
Submission type: Resubmission  
RMP description: Not reported  
Facility has no accident hist. recs: True  
Foreign owner's address: Not reported  
Foreign owner's zip: Not reported  
Foreign owner's country: Not reported  
Claim # of employees as CBI: False  
Date RMP accepted by EPA: 7/27/2004  
Date of error Report: Not reported  
Date RMP received: 6/21/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Does RMP contain graphics files: False  
Does RMP contain attachments: False  
Was certification letter received: True  
RMP submission method: RMP\*Submit  
Does RMP contain CBI substantiation: False  
Does RMP contain electronic waiver: False  
Date RMP postmarked: 6/18/2004  
Is RMP complete: True  
Date of de-registration: Not reported  
Date de-registration is effective: Not reported  
Anniversary date: 6/18/2009  
Does RMP contain CBI data: False  
Does RMP contain unsanitized CBI version: False  
RMP version #: 3.1  
FRS latitude: 33.91028  
FRS longitude: -118.42389  
FRS Description: FACILITY CENTROID  
FRS Method: INTERPOLATION-MAP

Process Details:

Process ID: 49853  
NA & Industry Classification Sys.code(s): 221112  
NAICS code description: Fossil Fuel Electric Power Generation  
Optional facility description: Ammonia for SCR system  
Program level: 2  
Record contains CBI data: False

Process chemical(s):

Chemical name: Public OCA Chemical  
Process chemical qty in 100s lbs: 0  
Process flammable chemical name: Not reported

Process Toxic Alt. Releases:

Percent weight of chemical: 29.4  
Physical state: b  
Analytical basic: EPA's RMP\*Comp(TM)  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 3  
Stability class: D  
Topography: a  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Toxics Worst Case:

Percent weight of chemical: 29.4  
Physical state: b  
Analytical basic: EPA's RMP\*Comp(TM)  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: 10  
Release rate in pounds per second: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

1011822984

Wind speed in meters/second:	1.5
Stability class:	F
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Process Flammables Alt. Releases:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Flammables Worst Case:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Ammonia (conc 20% or greater)
Process chemical qty in 100s lbs:	44070
Process flammable chemical name:	Not reported
Process Toxic Alt. Releases:	
Percent weight of chemical:	Not reported
Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Toxics Worst Case:	
Percent weight of chemical:	Not reported
Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Process Flammables Alt. Releases:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Flammables Worst Case:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Mitigation Systems: Not reported  
Monitoring/Detection: Not reported  
Changes since the last process hazard analysis: Not reported  
Most recent hazard review/update: Not reported  
Most recent review of op. procedures: Not reported  
Most recent training progs review/update: Not reported  
Expected completion of review changes: Not reported  
Training: Not reported  
Competency testing: Not reported  
Most recent maintenance review date: Not reported  
Most recent equipment inspection date: Not reported  
Equipment tested: Not reported  
Most recent compliance audit date: Not reported  
Expected date of audit completion: Not reported  
Most recent incident investigation: Not reported  
Expected date of investigation changes: Not reported  
Record has CBI data: Not reported  
Date of most recent changes: Not reported

Emergency Response Details:

ER plan: Not reported  
ER plan most recent review date: 1/31/2004  
ER plan most recent employee training date: 2/4/2004  
Local agency coordinating ER plan: El Segundo Fire Department  
Telephone of the coordinating local agency: 3106072242  
Federal regulation: True  
OSHA 1910 120: True  
SPCC: True  
RCRA: True  
OPA 90: False  
EPCRA: True  
Other Regulations: Not reported

Risk Management Plan (RMP) Facility Details:

Facility ID: 24255  
LEPC city: Not reported  
Facility decimal latitude: 34.823139  
Facility decimal longitude: -117.645611  
Is facility in county box: T  
LatLong method: A4  
LatLong description: AB  
Home page web address: Not reported  
Facility telephone: Not reported  
Facility email: Not reported  
Facility DUNS #: 197234768  
Parent's name: Not reported  
Partner's name: Not reported  
Parent's DUNS #: 0  
Partner's DUNS #: 0  
Operator's name: El Segundo Power, LLC  
Operator's telephone: 3106156028  
Operator's address: 301 Vista Del Mar  
Operators City,St,Zip: El Segundo, CA 90245  
RMP implementation contact: Audun Aaberg  
RMP contact title: Regional Plant Manager  
Emergency contact: Alex Sanchez / Steve Odabashian  
Emergency contact title: Environmental Specialists

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Emergency contact telephone: 3106156351  
24 hour emergency telephone: 3106156313  
Emergency contact ext/pin #: Not reported  
Number of full time employees: 60  
EPA ID: CAR000036848  
Facility ID provided by CEPP0: 100000102667  
Is facility covered by OSHA PSM: F  
Is facility covered by EPCRA 302: T  
Is fac. covered by CAA Title V 112(2): T  
Clean air op. permit/State ID: 115663  
Last safety insp. dat: 6/12/2001  
Inspected by: Fire Department  
Is it OSHA approved with star/merit ranking: False  
Will RMP involve predictive filing: False  
Submission type: Correction  
RMP description: Not reported  
Facility has no accident hist. recs: False  
Foreign owner's address: Not reported  
Foreign owner's zip: Not reported  
Foreign owner's country: Not reported  
Claim # of employees as CBI: False  
Date RMP accepted by EPA: 10/5/2001  
Date of error Report: Not reported  
Date RMP received: 10/5/2001  
Does RMP contain graphics files: False  
Does RMP contain attachments: False  
Was certification letter received: True  
RMP submission method: RMP\*Submit  
Does RMP contain CBI substantiation: False  
Does RMP contain electronic waiver: False  
Date RMP postmarked: 10/2/2001  
Is RMP complete: True  
Date of de-registration: Not reported  
Date de-registration is effective: Not reported  
Aniversary date: 6/18/2004  
Does RMP contain CBI data: False  
Does RMP contain unsanitized CBI version: False  
RMP version #: 1.2.5  
FRS latitude: 33.91028  
FRS longitude: -118.42389  
FRS Description: FACILITY CENTROID  
FRS Method: INTERPOLATION-MAP

**Process Details:**

Process ID: 34678  
NA & Industry Classification Sys.code(s): 221112  
NAICS code description: Fossil Fuel Electric Power Generation  
Optional facility description: Ammonia for SCR system  
Program level: 2  
Record contains CBI data: False

**Process chemical(s):**

Chemical name: Ammonia (conc 20% or greater)  
Process chemical qty in 100s lbs: 45840  
Process flammable chemical name: Not reported

**Process Toxic Alt. Releases:**

Percent weight of chemical: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

1011822984

Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Toxics Worst Case:	
Percent weight of chemical:	Not reported
Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Process Flammables Alt. Releases:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Flammables Worst Case:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Public OCA Chemical
Process chemical qty in 100s lbs:	0
Process flammable chemical name:	Not reported
Process Toxic Alt. Releases:	
Percent weight of chemical:	29.5
Physical state:	b
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

1011822984

Wind speed in meters/second:	3
Stability class:	D
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Percent weight of chemical:	29.5
Physical state:	b
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	3
Stability class:	D
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Toxics Worst Case:	
Percent weight of chemical:	29.5
Physical state:	b
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	10
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	1.5
Stability class:	F
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Process Flammables Alt. Releases:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Flammables Worst Case:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Emergency Response Details:

ER plan:	Not reported
ER plan most recent review date:	9/6/2001
ER plan most recent employee training date:	11/30/2000
Local agency coordinating ER plan:	EI Segundo Fire Department
Telephone of the coordinating local agency:	3106072242
Federal regulation:	True
OSHA 1910 120:	True
SPCC:	True
RCRA:	True
OPA 90:	False
EPCRA:	True
Other Regulations:	Not reported

Risk Management Plan (RMP) Facility Details:

Facility ID:	46686
LEPC city:	California Region 1 LEPC
Facility decimal latitude:	33.908000
Facility decimal longitude:	-118.422700
Is facility in county box:	T
LatLong method:	AO
LatLong description:	OT
Home page web address:	Not reported
Facility telephone:	Not reported
Facility email:	Not reported
Facility DUNS #:	0
Parent's name:	Not reported
Partner's name:	Not reported
Parent's DUNS #:	0
Partner's DUNS #:	0
Operator's name:	EI Segundo Power LLC
Operator's telephone:	3106156313
Operator's address:	301 Vista Del Mar
Operators City,St,Zip:	EI Segundo, CA 90245
RMP implementation contact:	Roy E. Craft
RMP contact title:	Regional Plant Manager
Emergency contact:	Alex Sanchez / Steve Odabashian
Emergency contact title:	Environmental Coordinator
Emergency contact telephone:	3105293280
24 hour emergency telephone:	3106156313
Emergency contact ext/pin #:	Not reported
Number of full time employees:	40
EPA ID:	Not reported
Facility ID provided by CEPP0:	100000102667
Is facility covered by OSHA PSM:	F
Is facility covered by EPCRA 302:	F
Is fac. covered by CAA Title V 112(2):	T
Clean air op. permit/State ID:	115663
Last safety insp. dat:	10/1/2005
Inspected by:	Fire Department
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	Resubmission
RMP description:	Not reported
Facility has no accident hist. recs:	True
Foreign owner's address:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Foreign owner's zip: Not reported  
Foreign owner's country: Not reported  
Claim # of employees as CBI: False  
Date RMP accepted by EPA: 9/29/2006  
Date of error Report: 9/29/2006  
Date RMP received: 9/28/2006  
Does RMP contain graphics files: False  
Does RMP contain attachments: True  
Was certification letter received: False  
RMP submission method: RMP\*Submit  
Does RMP contain CBI substantiation: False  
Does RMP contain electronic waiver: False  
Date RMP postmarked: 9/26/2006  
Is RMP complete: False  
Date of de-registration: Not reported  
Date de-registration is effective: Not reported  
Anniversary date: 9/26/2011  
Does RMP contain CBI data: False  
Does RMP contain unsanitized CBI version: False  
RMP version #: 3.8  
FRS latitude: 33.91028  
FRS longitude: -118.42389  
FRS Description: FACILITY CENTROID  
FRS Method: INTERPOLATION-MAP

Process Details:

Process ID: 67516  
NA & Industry Classification Sys.code(s): 221112  
NAICS code description: Fossil Fuel Electric Power Generation  
Optional facility description: Not reported  
Program level: 2  
Record contains CBI data: False

Process chemical(s):

Chemical name: Public OCA Chemical  
Process chemical qty in 100s lbs: 0  
Process flammable chemical name: Not reported

Process Toxic Alt. Releases:

Percent weight of chemical: 29.4  
Physical state: b  
Analytical basic: EPA's RMP\*Comp(TM)  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 1.5  
Stability class: F  
Topography: a  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Toxics Worst Case:

Percent weight of chemical: 29.4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Physical state:	b
Analytical basic:	EPA's RMP*Comp(TM)
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	10
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	1.5
Stability class:	F
Topography:	a
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Process Flammables Alt. Releases:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Flammables Worst Case:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Ammonia (conc 20% or greater)
Process chemical qty in 100s lbs:	42210
Process flammable chemical name:	Not reported
Process Toxic Alt. Releases:	
Percent weight of chemical:	Not reported
Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported
Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Toxics Worst Case:	
Percent weight of chemical:	Not reported
Physical state:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Release duration in minutes:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

1011822984

Release rate in pounds per second:	Not reported
Wind speed in meters/second:	Not reported
Stability class:	Not reported
Topography:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Process Flammables Alt. Releases:	
Endpoint used:	Not reported
LFL value:	Not reported
Analytical basic:	Not reported
Scenario:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Active mitigation:	Not reported
Process Flammables Worst Case:	
Analytical basic:	Not reported
Quantity released in pounds:	Not reported
Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Record has CBI data: Not reported  
Safety review date: Not reported  
Federal Regulation: Not reported  
Federal regulation comment: Not reported  
Major Hazard: Not reported  
Process Control: Not reported  
Mitigation Systems: Not reported  
Monitoring/Detection: Not reported  
Changes since the last process hazard analysis: Not reported  
Most recent hazard review/update: Not reported  
Most recent review of op. procedures: Not reported  
Most recent training progs review/update: Not reported  
Expected completion of review changes: Not reported  
Training: Not reported  
Competency testing: Not reported  
Most recent maintenance review date: Not reported  
Most recent equipment inspection date: Not reported  
Equipment tested: Not reported  
Most recent compliance audit date: Not reported  
Expected date of audit completion: Not reported  
Most recent incident investigation: Not reported  
Expected date of investigation changes: Not reported  
Record has CBI data: Not reported  
Date of most recent changes: Not reported

**Emergency Response Details:**

ER plan: Not reported  
ER plan most recent review date: 3/3/2006  
ER plan most recent employee training date: 4/1/2006  
Local agency coordinating ER plan: El Segundo Fire Department  
Telephone of the coordinating local agency: 3106072242  
Federal regulation: True  
OSHA 1910 120: True  
SPCC: True  
RCRA: True  
OPA 90: False  
EPCRA: True  
Other Regulations: Not reported

**Risk Management Plan (RMP) Facility Details:**

Facility ID: 46760  
LEPC city: California Region 1 LEPC  
Facility decimal latitude: 33.908000  
Facility decimal longitude: -118.422700  
Is facility in county box: T  
LatLong method: AO  
LatLong description: OT  
Home page web address: Not reported  
Facility telephone: Not reported  
Facility email: Not reported  
Facility DUNS #: 0  
Parent's name: Not reported  
Partner's name: Not reported  
Parent's DUNS #: 0  
Partner's DUNS #: 0  
Operator's name: El Segundo Power LLC  
Operator's telephone: 3106156313

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Operator's address: 301 Vista Del Mar  
Operators City,St,Zip: El Segundo, CA 90245  
RMP implementation contact: Roy E. Craft  
RMP contact title: Regional Plant Manager  
Emergency contact: Alex Sanchez / Steve Odabashian  
Emergency contact title: Environmental Coordinator  
Emergency contact telephone: 3105293280  
24 hour emergency telephone: 3106156313  
Emergency contact ext/pin #: Not reported  
Number of full time employees: 40  
EPA ID: Not reported  
Facility ID provided by CEPP0: 100000102667  
Is facility covered by OSHA PSM: F  
Is facility covered by EPCRA 302: F  
Is fac. covered by CAA Title V 112(2): T  
Clean air op. permit/State ID: 115663  
Last safety insp. dat: 10/1/2005  
Inspected by: Fire Department  
Is it OSHA approved with star/merit ranking: False  
Will RMP involve predictive filing: False  
Submission type: Resubmission  
RMP description: Not reported  
Facility has no accident hist. recs: True  
Foreign owner's address: Not reported  
Foreign owner's zip: Not reported  
Foreign owner's country: Not reported  
Claim # of employees as CBI: False  
Date RMP accepted by EPA: 10/13/2006  
Date of error Report: Not reported  
Date RMP received: 10/11/2006  
Does RMP contain graphics files: False  
Does RMP contain attachments: False  
Was certification letter received: True  
RMP submission method: RMP\*Submit  
Does RMP contain CBI substantiation: False  
Does RMP contain electronic waiver: False  
Date RMP postmarked: 10/10/2006  
Is RMP complete: True  
Date of de-registration: Not reported  
Date de-registration is effective: Not reported  
Aniversary date: 10/10/2011  
Does RMP contain CBI data: False  
Does RMP contain unsanitized CBI version: False  
RMP version #: 3.8  
FRS latitude: 33.91028  
FRS longitude: -118.42389  
FRS Description: FACILITY CENTROID  
FRS Method: INTERPOLATION-MAP

Process Details:

Process ID: 67628  
NA & Industry Classification Sys.code(s): 221112  
NAICS code description: Fossil Fuel Electric Power Generation  
Optional facility description: Not reported  
Program level: 2  
Record contains CBI data: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Process chemical(s):  
Chemical name: Public OCA Chemical  
Process chemical qty in 100s lbs: 0  
Process flammable chemical name: Not reported

Process Toxic Alt. Releases:  
Percent weight of chemical: 29.4  
Physical state: b  
Analytical basic: EPA's RMP\*Comp(TM)  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 1.5  
Stability class: F  
Topography: a  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Toxics Worst Case:  
Percent weight of chemical: 29.4  
Physical state: b  
Analytical basic: EPA's RMP\*Comp(TM)  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: 10  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 1.5  
Stability class: F  
Topography: a  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported

Process Flammables Alt. Releases:  
Endpoint used: Not reported  
LFL value: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Flammables Worst Case:  
Analytical basic: Not reported  
Quantity released in pounds: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Ammonia (conc 20% or greater)
Process chemical qty in 100s lbs:	42210
Process flammable chemical name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Process Toxic Alt. Releases:

Percent weight of chemical: Not reported  
Physical state: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: Not reported  
Stability class: Not reported  
Topography: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Toxics Worst Case:

Percent weight of chemical: Not reported  
Physical state: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: Not reported  
Stability class: Not reported  
Topography: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported

Process Flammables Alt. Releases:

Endpoint used: Not reported  
LFL value: Not reported  
Analytical basic: Not reported  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Process Flammables Worst Case:

Analytical basic: Not reported  
Quantity released in pounds: Not reported  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Safety review date: Not reported  
Most recent PHA date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**1011822984**

Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Emergency Response Details:	
ER plan:	Not reported
ER plan most recent review date:	3/3/2006
ER plan most recent employee training date:	4/1/2006
Local agency coordinating ER plan:	El Segundo Fire Department
Telephone of the coordinating local agency:	3106072242
Federal regulation:	True
OSHA 1910 120:	True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

1011822984

SPCC: True  
RCRA: True  
OPA 90: False  
EPCRA: True  
Other Regulations: Not reported

**A2**  
Target  
Property

**301 VISTA DEL MAR**  
**EL SEGUNDO, CA 90245**

**ERNS 2011997347**  
**N/A**

**Site 2 of 36 in cluster A**

**Actual:**  
**18 ft.**

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

**A3**  
Target  
Property

**EL SEGUNDO PUMPING & HEATING STATION**  
**301 S VISTA DEL MAR**  
**EL SEGUNDO, CA 90245**

**HAZNET S113128109**  
**N/A**

**Site 3 of 36 in cluster A**

**Actual:**  
**18 ft.**

HAZNET:  
Year: 2012  
Gepaid: CAL000274192  
Contact: NGIABI GICUHI  
Telephone: 5627282024  
Mailing Name: Not reported  
Mailing Address: 5900 CHERRY AVE  
Mailing City,St,Zip: LONG BEACH, CA 908054454  
Gen County: Los Angeles  
TSD EPA ID: CAD044429835  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 2.75  
Facility County: Los Angeles

Year: 2010  
Gepaid: CAL000274192  
Contact: NGIABI GICUHI  
Telephone: 5627282024  
Mailing Name: Not reported  
Mailing Address: 5900 CHERRY AVE  
Mailing City,St,Zip: LONG BEACH, CA 908054454  
Gen County: Not reported  
TSD EPA ID: CAD980675276  
TSD County: Not reported  
Waste Category: Other inorganic solid waste  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 2.6909  
Facility County: Los Angeles

Year: 2006  
Gepaid: CAL000274192  
Contact: MARK REESE, DIR ENVT'L & SFTY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO PUMPING & HEATING STATION (Continued)**

**S113128109**

Telephone: 5627282358  
Mailing Name: Not reported  
Mailing Address: 5900 CHERRY AVE  
Mailing City,St,Zip: LONG BEACH, CA 908054408  
Gen County: Not reported  
TSD EPA ID: CAT000646117  
TSD County: Not reported  
Waste Category: Other inorganic solid waste  
Disposal Method: Disposal, Land Fill  
Tons: 12.64  
Facility County: Los Angeles

Year: 2005  
Gepaid: CAL000274192  
Contact: MARK REESE, DIR ENVT'L & SFTY  
Telephone: 5627282358  
Mailing Name: Not reported  
Mailing Address: 5900 CHERRY AVE  
Mailing City,St,Zip: LONG BEACH, CA 908054408  
Gen County: Not reported  
TSD EPA ID: CAD980675276  
TSD County: Not reported  
Waste Category: Other inorganic solid waste  
Disposal Method: Disposal, Land Fill  
Tons: 7.58  
Facility County: Los Angeles

**A4  
Target  
Property**

**EL SEGUNDO GENERATING STATION  
301 VISTA DEL MAR BLVD SITE B (SEE MAP)  
EL SEGUNDO, CA 90245**

**HAZNET S113174130  
N/A**

**Site 4 of 36 in cluster A**

**Actual:  
18 ft.**

HAZNET:  
Year: 2012  
Gepaid: CAR000036848  
Contact: STEVE ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD SITE B  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 5.8996  
Facility County: Los Angeles

Year: 2012  
Gepaid: CAR000036848  
Contact: STEVE ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD SITE B  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**S113174130**

TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 1.45  
Facility County: Los Angeles

Year: 2012  
Gepaid: CAR000036848  
Contact: STEVE ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD SITE B  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 0.0505  
Facility County: Los Angeles

Year: 2012  
Gepaid: CAR000036848  
Contact: STEVE ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD SITE B  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 0.0505  
Facility County: Los Angeles

Year: 2012  
Gepaid: CAR000036848  
Contact: STEVE ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD SITE B  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 23.6  
Facility County: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**S113174130**

[Click this hyperlink](#) while viewing on your computer to access 895 additional CA\_HAZNET: record(s) in the EDR Site Report.

**A5  
Target  
Property**

**SOUTHERN CALIFORNIA GAS CO  
301 VISTA DEL MAR  
EL SEGUNDO, CA 90245**

**HAZNET S113178464  
N/A**

**Site 5 of 36 in cluster A**

**Actual:  
18 ft.**

**HAZNET:**

Year: 2012  
Gepaid: CAR000186189  
Contact: ERICA YEE  
Telephone: 5628064419  
Mailing Name: Not reported  
Mailing Address: 8101 S ROSEMEAD BLVD  
Mailing City,St,Zip: PICO RIVERA, CA 906600000  
Gen County: Los Angeles  
TSD EPA ID: CAD980675276  
TSD County: Kern  
Waste Category: Not reported  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 15.1704  
Facility County: Los Angeles

Year: 2009  
Gepaid: CAR000186189  
Contact: JIM SCRUGGS  
Telephone: 8586533104  
Mailing Name: Not reported  
Mailing Address: 6875 CONSOLIDATED WAY SD1373  
Mailing City,St,Zip: SAN DIEGO, CA 921210000  
Gen County: Not reported  
TSD EPA ID: CAD044429835  
TSD County: Not reported  
Waste Category: Polychlorinated biphenyls and material containing PCBs  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.2085  
Facility County: Los Angeles

Year: 2009  
Gepaid: CAR000186189  
Contact: JIM SCRUGGS  
Telephone: 8586533104  
Mailing Name: Not reported  
Mailing Address: 6875 CONSOLIDATED WAY SD1373  
Mailing City,St,Zip: SAN DIEGO, CA 921210000  
Gen County: Not reported  
TSD EPA ID: UTD981552177  
TSD County: Not reported  
Waste Category: Other organic solids  
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel  
Tons: 0.3  
Facility County: Los Angeles

Year: 2009

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SOUTHERN CALIFORNIA GAS CO (Continued)**

**S113178464**

Gepaid: CAR000186189  
 Contact: JIM SCRUGGS  
 Telephone: 8586533104  
 Mailing Name: Not reported  
 Mailing Address: 6875 CONSOLIDATED WAY SD1373  
 Mailing City,St,Zip: SAN DIEGO, CA 921210000  
 Gen County: Not reported  
 TSD EPA ID: CAD044429835  
 TSD County: Not reported  
 Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
 Tons: 0.33  
 Facility County: Los Angeles

**A6  
 Target  
 Property**

**301SOUTH VISTA DEL MAR  
 EL SEGUNDO, CA**

**ERNS 2004730706  
 N/A**

**Site 6 of 36 in cluster A**

**Actual:  
 18 ft.**

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

**A7  
 Target  
 Property**

**SOUTHERN CALIFORNIA EDISON - NRG - EL SEGUNDO GENERATING STA  
 301 VISTA DEL MAR  
 EL SEGUNDO, CA 90245**

**Financial Assurance S113804795  
 N/A**

**Site 7 of 36 in cluster A**

**Actual:  
 18 ft.**

CA Financial Assurance 1:  
 EPA ID Number: CAD000630962  
 Sudden Amount1: 2000000  
 Non Sudden Amount1: Not reported  
 Closure Mechanism: CG  
 Closure Amount: 4977000  
 Post Closure Mechanism: CG  
 Post Closure Amount: To Be Determined  
 Corrective Action Mechanism: Not reported  
 Corrective Action Amount: Not reported  
 Sudden Mechanism Type: CG  
 Sudden Mechanism Amount: 1000000  
 Non Sudden Mechanism Type: Not reported  
 Non Sudden Mechanism Amount: Not reported  
 O&M Mechanism Type: Not reported  
 O&M Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A8** SCE, EL SEGUNDO GENERATING STA  
**Target** 301 VISTA DEL MAR  
**Property** EL SEGUNDO, CA 90245

**Toxic Pits** S100925087  
N/A

**Site 8 of 36 in cluster A**

**Actual:**  
**18 ft.**

Toxic Pits:  
Region: 04  
Task #: 04011  
Owner: SOUTHERN CALIFORNIA EDISON  
1/2 Mi Limit: Y  
Num. of Pits: 1  
Cease Discharge Due: 02/26/95  
Cease Discharge Complete: / /  
Closure Due: / /  
**Closure Completed:** / /  
Status: ACTIVE  
Hydro Geological Assessment Report Due: / /  
Final Hydro Geological Assessment Review Completed: 05/27/88

**A9** EL SEGUNDO ENERGY CENTER LLC  
**Target** 301 VISTA DEL MAR BLVD STE C  
**Property** EL SEGUNDO, CA 90245

**HAZNET** S113178998  
N/A

**Site 9 of 36 in cluster A**

**Actual:**  
**18 ft.**

HAZNET:  
Year: 2012  
Gepaid: CAR000208090  
Contact: STEVEN P ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD STE C  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.0375  
Facility County: Los Angeles  
  
Year: 2012  
Gepaid: CAR000208090  
Contact: STEVEN P ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD STE C  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: AZR000506980  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Tons: 413  
Facility County: Los Angeles  
  
Year: 2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO ENERGY CENTER LLC (Continued)**

**S113178998**

Gepaid: CAR000208090  
Contact: STEVEN P ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD STE C  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 2.604  
Facility County: Los Angeles

Year: 2012  
Gepaid: CAR000208090  
Contact: STEVEN P ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD STE C  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 5.0484  
Facility County: Los Angeles

Year: 2012  
Gepaid: CAR000208090  
Contact: STEVEN P ODABASHIAN  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD STE C  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino  
Waste Category: Not reported  
Disposal Method: Metals Recovery Including Retoring,Smelting,Chemicals,Ect  
Tons: 0.5  
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 86 additional CA\_HAZNET: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A10**      **SO CAL EDISON CO**  
**Target**    **301 S VISTA DEL MAR**  
**Property**   **EL SEGUNDO, CA 90245**

**EMI**    **S106839602**  
          **N/A**

**Site 10 of 36 in cluster A**

**Actual:**  
**18 ft.**

EMI:  
Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 18763  
Air District Name: SC  
SIC Code: 4911  
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: 111  
Reactive Organic Gases Tons/Yr: 50  
Carbon Monoxide Emissions Tons/Yr: 180  
NOX - Oxides of Nitrogen Tons/Yr: 1278  
SOX - Oxides of Sulphur Tons/Yr: 66  
Particulate Matter Tons/Yr: 35  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 35  
  
Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 18763  
Air District Name: SC  
SIC Code: 4911  
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: 98  
Reactive Organic Gases Tons/Yr: 55  
Carbon Monoxide Emissions Tons/Yr: 144  
NOX - Oxides of Nitrogen Tons/Yr: 1076  
SOX - Oxides of Sulphur Tons/Yr: 345  
Particulate Matter Tons/Yr: 58  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 57  
  
Year: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 18763  
Air District Name: SC  
SIC Code: 4911  
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: 213  
Reactive Organic Gases Tons/Yr: 94  
Carbon Monoxide Emissions Tons/Yr: 141  
NOX - Oxides of Nitrogen Tons/Yr: 646  
SOX - Oxides of Sulphur Tons/Yr: 8  
Particulate Matter Tons/Yr: 23  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 23  
  
Year: 1996

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SO CAL EDISON CO (Continued)**

**S106839602**

County Code: 19  
Air Basin: SC  
Facility ID: 18763  
Air District Name: SC  
SIC Code: 4911  
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: 31  
Reactive Organic Gases Tons/Yr: 13  
Carbon Monoxide Emissions Tons/Yr: 122  
NOX - Oxides of Nitrogen Tons/Yr: 362  
SOX - Oxides of Sulphur Tons/Yr: 7  
Particulate Matter Tons/Yr: 20  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 20

Year: 1997  
County Code: 19  
Air Basin: SC  
Facility ID: 18763  
Air District Name: SC  
SIC Code: 4911  
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: 21  
Reactive Organic Gases Tons/Yr: 9  
Carbon Monoxide Emissions Tons/Yr: 95  
NOX - Oxides of Nitrogen Tons/Yr: 271  
SOX - Oxides of Sulphur Tons/Yr: 5  
Particulate Matter Tons/Yr: 16  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 16

Year: 1998  
County Code: 19  
Air Basin: SC  
Facility ID: 18763  
Air District Name: SC  
SIC Code: 4911  
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: 23  
Reactive Organic Gases Tons/Yr: 10  
Carbon Monoxide Emissions Tons/Yr: 95  
NOX - Oxides of Nitrogen Tons/Yr: 271  
SOX - Oxides of Sulphur Tons/Yr: 5  
Particulate Matter Tons/Yr: 16  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 16

Year: 1999  
County Code: 19  
Air Basin: SC  
Facility ID: 18763  
Air District Name: SC  
SIC Code: 4911  
Air District Name: SOUTH COAST AQMD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SO CAL EDISON CO (Continued)**

**S106839602**

Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 21  
Reactive Organic Gases Tons/Yr: 9  
Carbon Monoxide Emissions Tons/Yr: 95  
NOX - Oxides of Nitrogen Tons/Yr: 271  
SOX - Oxides of Sulphur Tons/Yr: 5  
Particulate Matter Tons/Yr: 16  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 16

Year: 2000  
County Code: 19  
Air Basin: SC  
Facility ID: 18763  
Air District Name: SC  
SIC Code: 4911  
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: 21  
Reactive Organic Gases Tons/Yr: 9  
Carbon Monoxide Emissions Tons/Yr: 95  
NOX - Oxides of Nitrogen Tons/Yr: 271  
SOX - Oxides of Sulphur Tons/Yr: 5  
Particulate Matter Tons/Yr: 16  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 16

**A11  
Target  
Property**

**PACIFIC TERMINALS LLC  
301 S VISTA DEL MAR  
EL SEGUNDO, CA**

**FINDS 1011985017  
N/A**

**Site 11 of 36 in cluster A**

**Actual:  
18 ft.**

FINDS:

Registry ID: 110037960061

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

**A12  
Target  
Property**

**PACIFIC TERMINALS LLC  
301 S VISTA DEL MAR  
EL SEGUNDO, CA 90245**

**EMI S108432801  
N/A**

**Site 12 of 36 in cluster A**

**Actual:  
18 ft.**

EMI:

Year: 2005  
County Code: 19  
Air Basin: SC  
Facility ID: 137520

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PACIFIC TERMINALS LLC (Continued)**

**S108432801**

Air District Name: SC  
 SIC Code: 4612  
 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: 1.58749  
 Reactive Organic Gases Tons/Yr: 1.567614354  
 Carbon Monoxide Emissions Tons/Yr: .00306  
 NOX - Oxides of Nitrogen Tons/Yr: .15  
 SOX - Oxides of Sulphur Tons/Yr: .00021  
 Particulate Matter Tons/Yr: .001  
 Part. Matter 10 Micrometers & Smllr Tons/Yr: .000976

**A13  
 Target  
 Property**

**301 VISTA DEL MAR, EL SEGUNDO POWER PLANT  
 EL SEGUNDO, CA 90245**

**CHMIRS S110978358  
 N/A**

**Site 13 of 36 in cluster A**

**Actual:  
 18 ft.**

CHMIRS:  
 OES Incident Number: '10-1487  
 OES notification: 03/01/2010  
 OES Date: Not reported  
 OES Time: Not reported  
 Incident Date: 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  
 Special Studies 1: Not reported  
 Special Studies 2: Not reported  
 Special Studies 3: Not reported  
 Special Studies 4: Not reported  
 Special Studies 5: Not reported  
 Special Studies 6: 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  
 Comments: Not reported  
 Facility Telephone: Not reported  
 Waterway Involved: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S110978358**

Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1445
Year:	2010
Agency:	El Segundo Power
Incident Date:	3/1/2010
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Lubricating Oil
Quantity Released:	70
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Caller states an access door was left partially open which resulted in the substance leaking out into a concrete pit area and adjacent hot well area. Substance was leaking for approximately 48 hours and was discovered today at 1445 hours.

**A14  
 Target  
 Property**

**EL SEGUNDO POWER II LLC NORTH AND SOUTH  
 301 VISTA DEL MAR BLVD SITE NO  
 EL SEGUNDO, CA 90245**

**HAZNET S113176483  
 N/A**

**Site 14 of 36 in cluster A**

**Actual:  
 18 ft.**

HAZNET:  
 Year: 2012  
 Gepaid: CAR000114207  
 Contact: STEVE ODABASHION  
 Telephone: 3106156331  
 Mailing Name: Not reported  
 Mailing Address: 301 VISTA DEL MAR BLVD  
 Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
 Gen County: Los Angeles  
 TSD EPA ID: AZR000506980  
 TSD County: 99  
 Waste Category: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER II LLC NORTH AND SOUTH (Continued)**

**S113176483**

Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,  
Organics Recovery Ect  
Tons: 178.37  
Facility County: Los Angeles

Year: 2012  
Gepaid: CAR000114207  
Contact: STEVE ODABASHION  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: AZR000506980  
TSD County: 99

Waste Category: Not reported  
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,  
Organics Recovery Ect  
Tons: 178.37  
Facility County: Los Angeles

Year: 2012  
Gepaid: CAR000114207  
Contact: STEVE ODABASHION  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino

Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.075  
Facility County: Los Angeles

Year: 2012  
Gepaid: CAR000114207  
Contact: STEVE ODABASHION  
Telephone: 3106156331  
Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Los Angeles  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino

Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.075  
Facility County: Los Angeles

Year: 2011  
Gepaid: CAR000114207  
Contact: STEVE ODABASHION  
Telephone: 3106156331

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER II LLC NORTH AND SOUTH (Continued)**

**S113176483**

Mailing Name: Not reported  
Mailing Address: 301 VISTA DEL MAR BLVD  
Mailing City,St,Zip: EL SEGUNDO, CA 902450000  
Gen County: Not reported  
TSD EPA ID: CAD028409019  
TSD County: Not reported  
Waste Category: Aqueous solution with total organic residues less than 10 percent  
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)  
Tons: 202.02  
Facility County: Los Angeles

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

**A15** **ANCON MARINE**  
**Target** **301 VISTA DEL MAR**  
**Property** **EL SEGUNDO, CA 90245**

**HAZNET** **S113458449**  
**N/A**

**Site 15 of 36 in cluster A**

**Actual:**  
**18 ft.**

HAZNET:  
Year: 2010  
Gepaid: CAC002650446  
Contact: CASER RAMIREZ  
Telephone: 3102611900  
Mailing Name: Not reported  
Mailing Address: 2250 E DOMINGUEZ ST  
Mailing City,St,Zip: CARSON, CA 908101008  
Gen County: Not reported  
TSD EPA ID: CAT080013352  
TSD County: Not reported  
Waste Category: Aqueous solution with total organic residues less than 10 percent  
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Tons: 5.04  
Facility County: Los Angeles

**A16** **EL SEGUNDO POWER, LLC**  
**Target** **301 S VISTA DEL MAR**  
**Property** **EL SEGUNDO, CA 90245**

**CORRACTS** **1000167567**  
**RCRA-SQG** **CAD000630962**  
**FINDS**  
**US AIRS**

**Site 16 of 36 in cluster A**

**Actual:**  
**18 ft.**

CORRACTS:  
EPA ID: CAD000630962  
EPA Region: 09  
Area Name: ENTIER FACILITY  
Actual Date: 19950101  
Action: CA029  
NAICS Code(s): Not reported  
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

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

RCRA-SQG:

Date form received by agency: 03/04/1999  
Facility name: SO CALIF EDISON EL SEGUNDO GEN STA  
Site name: EL SEGUNDO GENERATING STATION  
Facility address: 301 VISTA DEL MAR  
EL SEGUNDO, CA 90245  
EPA ID: CAD000630962  
Mailing address: 2244 WALNUT GROVE AVE ROOM 405  
ROSEMEAD, CA 91770  
Contact: KATHRYN VANDERSLICE  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (626) 302-9320  
Contact email: Not reported  
EPA Region: 09  
Land type: Other land type  
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  
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: 10/20/1998  
Facility name: SO CALIF EDISON EL SEGUNDO GEN STA  
Classification: Small Quantity Generator

Date form received by agency: 09/01/1996  
Facility name: SO CALIF EDISON EL SEGUNDO GEN STA  
Classification: Large Quantity Generator

Date form received by agency: 02/27/1996  
Facility name: SO CALIF EDISON EL SEGUNDO GEN STA  
Site name: SOUTHERN CALIFORNIA EDISON  
Classification: Large Quantity Generator

Date form received by agency: 03/29/1994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Facility name: SO CALIF EDISON EL SEGUNDO GEN STA  
Site name: EL SEGUNDO SCE&CO  
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992  
Facility name: SO CALIF EDISON EL SEGUNDO GEN STA  
Site name: SOUTHERN CALIFORNIA EDISON/EL  
Classification: Large Quantity Generator

Date form received by agency: 03/28/1990  
Facility name: SO CALIF EDISON EL SEGUNDO GEN STA  
Site name: SO. CALIF. EDISON EL SEGUNDO GEN.  
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 01/01/1995  
Event: CA029

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 09/25/2006  
Date achieved compliance: 10/09/2006  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/25/2006  
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: F - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 09/23/1993  
Date achieved compliance: 02/03/1995  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 264.190-201.J  
Area of violation: TSD - General  
Date violation determined: 09/23/1993  
Date achieved compliance: 02/03/1995  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 264.220-230.K  
Area of violation: TSD - General  
Date violation determined: 09/23/1993  
Date achieved compliance: 02/03/1995  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 264.400-406.Q  
Area of violation: TSD IS-Chemical, Physical, AND Treatment  
Date violation determined: 09/23/1993  
Date achieved compliance: 02/03/1995  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 264.90-94.F  
Area of violation: TSD IS-Ground-Water Monitoring  
Date violation determined: 09/23/1993  
Date achieved compliance: 02/03/1995  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 09/25/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 10/09/2006  
Evaluation lead agency: Local

Evaluation date: 02/03/1995  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/23/1993  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/24/1993  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: TSD - General  
Date achieved compliance: 02/03/1995  
Evaluation lead agency: State

Evaluation date: 03/24/1993  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: TSD IS-Chemical, Physical, AND Treatment  
Date achieved compliance: 02/03/1995  
Evaluation lead agency: State

Evaluation date: 03/24/1993  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Generators - General  
Date achieved compliance: 02/03/1995  
Evaluation lead agency: State

Evaluation date: 03/24/1993  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: TSD IS-Ground-Water Monitoring  
Date achieved compliance: 02/03/1995  
Evaluation lead agency: State

**FINDS:**

Registry ID: 110000520213

**Environmental Interest/Information System**

CAMDBS (Clean Air Markets Division Business System) is a national information system that supports the implementation of market-based air pollution control programs administered by the Clean Air Markets Division, within the Office of Air and Radiation. These programs include the Acid Rain Program, established by Title IV of the Clean Air Act Amendments of 1990, and regional programs designed reduce the transport of ozone. These emissions trading programs allows regulated facilities (primarily electric utilities) to adopt the most cost-effective strategies to reduce emissions at their units. Units that reduce their emissions below the number of allowances they hold -- each allowance is equivalent to one ton of sulfur dioxide or nitrogen oxides -- may trade allowances with other units in their system, sell them to other utilities on the open market or through EPA auctions, or bank them to cover emissions in future years. CAMDBS functions include registering responsible officials, establishing allowance accounts, reporting hourly emissions data, and transferring allowances between accounts.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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.

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

ELECTRIC GENERATOR

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

GREENHOUSE GAS 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 at Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

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.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110041015905  
Plant name: EL SEGUNDO POWER, LLC  
Plant address: 301 S VISTA DEL MAR  
EL SEGUNDO, CA 90245  
County: LOS ANGELES  
Region code: 09  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 024  
Sic code: 4911  
Sic code desc: ELECTRIC SERVICES  
North Am. industrial classf: 221112  
NAIC code description: Fossil Fuel Electric Power Generation  
Default compliance status: IN COMPLIANCE - INSPECTION  
Default classification: ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT  
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: TITLE V PERMITS  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 000922  
Penalty amount: 000000000  
  
Air program: TITLE V PERMITS  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 010206  
Penalty amount: 000000000  
  
Air program: TITLE V PERMITS  
National action type: NXXXXX  
Date achieved: 010712  
Penalty amount: 000000000  
  
Air program: TITLE V PERMITS  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 011003  
Penalty amount: 000000000  
  
Air program: TITLE V PERMITS  
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Date achieved:	011031
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020110
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	020115
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	020227
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020301
Penalty amount:	000000250
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	020305
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	020305
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	020319
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020320
Penalty amount:	000000750
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	020402
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	020416
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	020514
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Air program: TITLE V PERMITS  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 030227  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: STATE CONDUCTED FCE / ON-SITE  
Date achieved: 030305  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 030911  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 040212  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 040212  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: STATE CONDUCTED FCE / ON-SITE  
Date achieved: 040915  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: STATE CONDUCTED FCE / ON-SITE  
Date achieved: 040915  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 040915  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 040915  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 050224  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 050224  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: STATE CONDUCTED PCE/ ON-SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Date achieved:	050302
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	050302
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050302
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	050302
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	060226
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	060226
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	060301
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	070131
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	070131
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	070227
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070227
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070227
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070427
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070427
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	070629
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	070629
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	070913
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070913
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	070913
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070913
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	080219
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	080321
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	080321
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Date achieved:	080501
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	080501
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	080909
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	080909
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	090219
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	090220
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	090220
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090414
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090414
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090414
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090414
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	090519
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090519
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	090519
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	090519
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	090722
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	090722
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	090804
Penalty amount:	000000750
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090804
Penalty amount:	000000750
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	090917
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	090917
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	090929
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	090929
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Date achieved: 091002  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD  
Date achieved: 091002  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY  
Date achieved: 100211  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY  
Date achieved: 100211  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY  
Date achieved: 100218  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 100407  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 100407  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 100409  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: STATE CONDUCTED FCE / ON-SITE  
Date achieved: 100409  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 100409  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: STATE CONDUCTED FCE / ON-SITE  
Date achieved: 100409  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD  
Date achieved: 100907  
Penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	100907
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	101025
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	101025
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110210
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110210
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	110225
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	110225
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110526
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110526
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110526
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110526
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Date achieved:	110901
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	110901
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	111219
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	111219
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120208
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	120208
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120224
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120224
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120501
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120501
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	120508
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	120508
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Air program: SIP SOURCE  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 970716  
Penalty amount: 000000000

Air program: TITLE V PERMITS  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 970716  
Penalty amount: 000000000

Air program: SIP SOURCE  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 980418  
Penalty amount: 000000000

Air program: TITLE V PERMITS  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 980418  
Penalty amount: 000000000

Air program: TITLE V PERMITS  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 990514  
Penalty amount: 000000000

Air program: SIP SOURCE  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 990514  
Penalty amount: 000000000

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1001  
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1002  
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1003  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1004  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1004  
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1101  
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1102

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1001
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1002
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1003
Air prog code hist file:	TITLE V PERMITS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1000167567**

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1101  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1102  
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1104  
Air prog code hist file: SIP SOURCE

Permit Information:  
Compliance plant ID: CA440  
Permit number: 115663  
Permit category: V  
Permit category desc: TITLE V PERMIT - PLANT SP

Permit Source:  
Compliance plant ID: CA440  
Plant name: EL SEGUNDO POWER, LLC  
Plant address: 301 S VISTA DEL MAR  
EL SEGUNDO, CA 90245

Event Information:  
Compliance permit ID: CA440  
Permit number: 115663  
Event action type: IF  
Event description: \*PERMIT AUTHORITY ISSUES FINAL PERMIT  
Event action #: 001  
Event date: 19990819

**A17** **EL SEGUNDO POWER II LLC NORTH AND SOUTH**  
**Target** **301 VISTA DEL MAR**  
**Property** **EL SEGUNDO, CA 90245**

**RCRA-LQG** **1006804875**  
**CAR000114207**

**Site 17 of 36 in cluster A**

**Actual:**  
**18 ft.**

RCRA-LQG:  
Date form received by agency: 05/08/2008  
Facility name: EL SEGUNDO POWER II LLC NORTH AND SOUTH  
Facility address: 301 VISTA DEL MAR  
EL SEGUNDO, CA 90245  
EPA ID: CAR000114207  
Contact: STEVE ODABASHIAN  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (310) 615-6331  
Contact email: STEVEN.ODABASHIAN@NRGELS.COM  
EPA Region: 09  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER II LLC NORTH AND SOUTH (Continued)**

**1006804875**

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: EL SEGUNDO POWER I I LLC  
Owner/operator address: 301 VISTA DEL MAR BLVD  
EL SEGUNDO, CA 90245  
Owner/operator country: Not reported  
Owner/operator telephone: (310) 615-6342  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: EL SEGUNDO POWER II LLC NORTH AND SOUTH  
Owner/operator address: 301 VISTA DEL MAR  
EL SEGUNDO, CA 90245  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 03/01/2002  
Owner/Op end date: Not reported

Owner/operator name: EL SEGUNDO OPERATIONS INC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 03/01/2002  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER II LLC NORTH AND SOUTH (Continued)**

**1006804875**

Used oil transporter: No

Historical Generators:

Date form received by agency: 03/18/2002  
Facility name: EL SEGUNDO POWER II LLC NORTH AND SOUTH  
Site name: EL SEGUNDO POWER I I LLC NORTH AND SOUTH  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008  
Waste name: LEAD

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

Waste code: D008  
Waste name: LEAD

Violation Status: No violations found

**A18**  
Target  
Property

**SO CAL EDISON PLAZA 301 VISTA DEL MAR  
EL SEGUNDO, CA 90245**

**ERNS 91241904  
N/A**

**Site 18 of 36 in cluster A**

**Actual:  
18 ft.**

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

**A19**  
Target  
Property

**EL SEGUNDO PUMPING STATION 301 SOUTH VISTA DEL MAR  
EL SEGUNDO, CA 90805**

**CHMIRS S107451740  
N/A**

**Site 19 of 36 in cluster A**

**Actual:  
18 ft.**

CHMIRS:  
OES Incident Number: 04-4037  
OES notification: 08/04/2004  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S107451740

Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Not reported  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2004  
Agency: Pacific Energy Partners  
Incident Date: 8/4/200412:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Other  
E Date: Not reported  
Substance: Crude Oil  
Quantity Released: Not reported  
BBLS: 2  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

(Continued)

S107451740

Number of Fatalities: 0  
 Description: Substance was released due to a pressure relief valve that malfunctioned. Substance was contained on site in the secondary containment area.

A20  
 Target  
 Property

WEST OF 301 VISTA DEL MAR BLVD., ON THE BIKE PATH  
 EL SEGUNDO, CA 90245

CHMIRS S106396070  
 N/A

Site 20 of 36 in cluster A

Actual:  
 18 ft.

CHMIRS:  
 OES Incident Number: 03-1876  
 OES notification: 04/08/2003  
 OES Date: Not reported  
 OES Time: Not reported  
 Incident Date: 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  
 Special Studies 1: Not reported  
 Special Studies 2: Not reported  
 Special Studies 3: Not reported  
 Special Studies 4: Not reported  
 Special Studies 5: Not reported  
 Special Studies 6: 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  
 Reporting Officer Name/ID: Not reported  
 Report Date: Not reported  
 Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S106396070

Date/Time: Not reported  
Year: 2003  
Agency: El Segundo Fire Dept.  
Incident Date: 4/8/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Road  
E Date: Not reported  
Substance: Class A Foam Mixture  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 10  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: This mixture was a 1% solution and 99% water. Used on a swarm of bees.  
Not reported

A21  
Target  
Property

AME ROCKWEL EL SEG AUXILIARY  
LOS ANGELES, CA

ENVIROSTOR S107735835  
N/A

Site 21 of 36 in cluster A

Actual:  
18 ft.

ENVIROSTOR:  
Site Type: Military Evaluation  
Site Type Detailed: FUDS  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Douglas Bautista  
Division Branch: Cleanup Cypress  
Facility ID: 80000112  
Site Code: Not reported  
Assembly: 62  
Senate: 26  
Special Program: Not reported  
Status: Inactive - Needs Evaluation  
Status Date: 07/01/2005  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: DERA  
Latitude: 33.91666  
Longitude: -118.4125

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AME ROCKWEL EL SEG AUXILIARY (Continued)**

**S107735835**

APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CA99799F534300  
Alias Type: Federal Facility ID  
Alias Name: J09CA0165  
Alias Type: INPR  
Alias Name: 80000112  
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: 06/10/1993  
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

**A22  
Target  
Property**

**SCE - EL SEGUNDO GENERATING STATION  
301 VISTA DELMAR  
EL SEGUNDO, CA**

**SLIC S106483922  
N/A**

**Site 22 of 36 in cluster A**

**Actual:  
18 ft.**

SLIC:  
Region: STATE  
**Facility Status: Open - Site Assessment**  
Status Date: 09/22/1997  
Global Id: SL204381556  
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
Lead Agency Case Number: CAD000630962  
Latitude: 33.9180419119889  
Longitude: -118.404843000693  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
RB Case Number: Not reported  
File Location: DTSC  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Case transferred to DTSC on 5/30/06/

Click here to access the California GeoTracker records for this facility:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A23**  
**Target**  
**Property**  
**EL SEGUNDO POWER, LLC**  
**301 VISTA DEL MAR**  
**EL SEGUNDO, CA 90245**

**RCRA-LQG** **1001217553**  
**CAR000036848**

**Site 23 of 36 in cluster A**

**Actual:**  
**18 ft.**

**RCRA-LQG:**

Date form received by agency: 02/24/2010  
Facility name: EL SEGUNDO POWER, LLC  
Facility address: 301 VISTA DEL MAR  
EL SEGUNDO, CA 90245  
EPA ID: CAR000036848  
Mailing address: VISTA DEL MAR  
EL SEGUNDO, CA 90245  
Contact: STEVE ODABASHIAN  
Contact address: VISTA DEL MAR  
EL SEGUNDO, CA 90245  
Contact country: US  
Contact telephone: (310) 615-6331  
Contact email: STEVEN.ODABASHIAN@NRGENERGY.COM  
EPA Region: 09  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: EL SEGUNDO POWER, LLC  
Owner/operator address: VISTA DEL MAR  
EL SEGUNDO, CA 90245  
Owner/operator country: US  
Owner/operator telephone: (310) 615-6029  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1998  
Owner/Op end date: Not reported  
  
Owner/operator name: NRG OPERATIONS INC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1998  
Owner/Op end date: Not reported  
  
Owner/operator name: EL SEGUNDO POWER LLC  
Owner/operator address: 1221 NICOLLET MALL STE 700  
MINNEAPOLIS, MN 55403

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1001217553**

Owner/operator country: Not reported  
Owner/operator telephone: (612) 373-5300  
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: 02/25/2008  
Facility name: EL SEGUNDO POWER, LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/20/2006  
Facility name: EL SEGUNDO POWER, LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/05/2004  
Facility name: EL SEGUNDO POWER, LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/15/2002  
Facility name: EL SEGUNDO POWER, LLC  
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000  
Facility name: EL SEGUNDO POWER, LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/27/1998  
Facility name: EL SEGUNDO POWER, LLC  
Site name: EL SEGUNDO GENERATING STATION  
Classification: Large Quantity Generator

Hazardous Waste Summary:

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,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1001217553**

WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

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

Waste code: D008

Waste name: LEAD

Waste code: D009

Waste name: MERCURY

Waste code: D000

Waste name: Not Defined

Waste code: D001

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

Waste code: D002

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

Waste code: D018

Waste name: BENZENE

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,

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EL SEGUNDO POWER, LLC (Continued)**

**1001217553**

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

**A24  
 Target  
 Property**

**EL SEGUNDO POWER PLANT  
 301 VISTA DEL MAR BLVD  
 EL SEGUNDO, CA 90245**

**RCRA-LQG 1010562052  
 CAR000186189**

**Site 24 of 36 in cluster A**

**Actual:  
 18 ft.**

RCRA-LQG:  
 Date form received by agency: 07/31/2007  
 Facility name: EL SEGUNDO POWER PLANT  
 Facility address: 301 VISTA DEL MAR BLVD  
 SOCAL GAS  
 EL SEGUNDO, CA 90245  
 EPA ID: CAR000186189  
 Mailing address: 6875 CONSOLIDATED WAY  
 SD1373  
 SAN DIEGO, CA 92121  
 Contact: PAT J CANNEY  
 Contact address: 6875 CONSOLIDATED WAY SD1373  
 SAN DIEGO, CA 92121  
 Contact country: US  
 Contact telephone: 858-653-3104  
 Contact email: PCANNEY@SEMPRAUTILITIES.COM  
 EPA Region: 09  
 Classification: Large Quantity Generator  
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO POWER PLANT (Continued)**

**1010562052**

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: EL SEGUNDO POWER II LLC  
Owner/operator address: 301 VISTA DEL MAR BLVD  
EL SEGUNDO, CA 90245  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 11/14/2000  
Owner/Op end date: Not reported

Owner/operator name: SOUTHERN CALIFORNIA GAS CO  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1956  
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

**Hazardous Waste Summary:**

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.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
 EPA ID Number

**EL SEGUNDO POWER PLANT (Continued)**

**1010562052**

Waste code: D018  
 Waste name: BENZENE

Violation Status: No violations found

**A25** **EL SEGUNDO GENERATING STATION**  
**Target** **301 VISTA DEL MAR**  
**Property** **EL SEGUNDO, CA 90245**

**TSCA** **1014198735**  
**N/A**

**Site 25 of 36 in cluster A**

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

**A26** **EL SEGUNDO ENERGY CENTER LLC**  
**Target** **301 VISTA DEL MAR BLVD.**  
**Property** **EL SEGUNDO, CA 90245**

**RCRA-LQG** **1014387323**  
**CAR000208090**

**Site 26 of 36 in cluster A**

**Actual:** RCRA-LQG:  
**18 ft.** Date form received by agency: 03/08/2013  
 Facility name: EL SEGUNDO ENERGY CENTER LLC  
 Facility address: 301 VISTA DEL MAR BLVD.  
 EL SEGUNDO, CA 90245  
 EPA ID: CAR000208090  
 Mailing address: VISTA DEL MAR BLVD.  
 EL SEGUNDO, CA 90245  
 Contact: STEVE ODABASHIAN  
 Contact address: VISTA DEL MAR BLVD.  
 EL SEGUNDO, CA 90245  
 Contact country: Not reported  
 Contact telephone: (310) 615-6331  
 Contact email: STEVE.ODABASHIAN@NRGENERGY.COM  
 EPA Region: 09  
 Classification: Large Quantity Generator  
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**  
 Owner/operator name: EL SEGUNDO ENERGY CENTER LLC  
 Owner/operator address: VISTA DEL MAR BLVD.  
 EL SEGUNDO, CA 90245  
 Owner/operator country: Not reported  
 Owner/operator telephone: (310) 615-6331  
 Legal status: Private  
 Owner/Operator Type: Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO ENERGY CENTER LLC (Continued)**

**1014387323**

Owner/Op start date: 01/01/2010  
Owner/Op end date: Not reported

Owner/operator name: EL SEGUNDO OPERATIONS  
Owner/operator address: Not reported  
Not reported

Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/2010  
Owner/Op end date: Not reported

Owner/operator name: EL SEGUNDO POWER LLC  
Owner/operator address: 301 VISTA DEL MAR BLVD  
EL SEGUNDO, CA 90245

Owner/operator country: US  
Owner/operator telephone: 310-615-6029  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 03/31/1998  
Owner/Op end date: Not reported

Owner/operator name: EL SEGUNDO OPERATIONS INC  
Owner/operator address: Not reported  
Not reported

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 03/31/2000  
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

Universal Waste Summary:

Waste type: Batteries  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Waste type: Lamps

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO ENERGY CENTER LLC (Continued)**

**1014387323**

Accumulated waste on-site: No  
Generated waste on-site: Not reported

Waste type: Pesticides  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Waste type: Thermostats  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 04/19/2010  
Facility name: EL SEGUNDO ENERGY CENTER LLC  
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

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

Waste code: D007  
Waste name: CHROMIUM

Waste code: D008  
Waste name: LEAD

Waste code: 121  
Waste name: 121

Waste code: 122  
Waste name: 122

Waste code: 123  
Waste name: 123

Waste code: 135  
Waste name: 135

Waste code: 181  
Waste name: 181

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

---

**EL SEGUNDO ENERGY CENTER LLC (Continued)**

**1014387323**

Waste code: 221  
 Waste name: 221

Waste code: 261  
 Waste name: 261

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

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

Waste code: D006  
 Waste name: CADMIUM

Waste code: D007  
 Waste name: CHROMIUM

Waste code: D008  
 Waste name: LEAD

Waste code: D009  
 Waste name: MERCURY

Violation Status: No violations found

---

**A27**  
**Target** 301 VISTA DEL MAR  
**Property** EL SEGUNDO, CA 90245

**ERNS** 2000518024  
 N/A

Site 27 of 36 in cluster A

**Actual:** 18 ft. [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

---

**A28**  
**Target** 301 VISTA DEL MAR  
**Property** EL SEGUNDO, CA

**ERNS** 8874245  
 N/A

Site 28 of 36 in cluster A

**Actual:** 18 ft. [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A29**  
**Target** 301 VISTA DEL MAR  
**Property** EL SEGUNDO, CA 90245

**ERNS** 98419805  
N/A

Site 29 of 36 in cluster A

**Actual:** 18 ft. [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**A30**  
**Target** 301 VISTA DEL MAR  
**Property** EL SEGUNDO, CA

**CHMIRS** S107449648  
N/A

Site 30 of 36 in cluster A

**Actual:** 18 ft. CHMIRS:  
OES Incident Number: 04-4118  
OES notification: 08/09/2004  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Not reported  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Reporting Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S107449648**

Measure: Not reported  
 Other: Not reported  
 Date/Time: Not reported  
 Year: 2004  
 Agency: El Segundo Power  
 Incident Date: 8/9/2004 12:00:00 AM  
 Admin Agency: El Segundo Fire Department  
 Amount: Not reported  
 Contained: Yes  
 Site Type: Utilities/Substation  
 E Date: Not reported  
 Substance: Lube Oil  
 Quantity Released: Not reported  
 BBLs: 0  
 Cups: 0  
 CUFT: 0  
 Gallons: 50  
 Grams: 0  
 Pounds: 0  
 Liters: 0  
 Ounces: 0  
 Pints: 0  
 Quarts: 0  
 Sheen: 0  
 Tons: 0  
 Unknown: 0  
 Evacuations: 0  
 Number of Injuries: 0  
 Number of Fatalities: 0  
 Description: A steam leak occurred near a storage area and caused the oil spill.

**A31  
 Target  
 Property**

**SOUTHERN CALIFORNIA EDISON CO  
 301 VISTA DEL MAR  
 EL SEGUNDO, CA**

**Site 31 of 36 in cluster A**

**Actual:  
 18 ft.**

**SLIC S100178126  
 SWEEPS UST N/A  
 CHMIRS  
 Notify 65  
 LA Co. Site Mitigation  
 ENF  
 EMI  
 HWP**

SLIC REG 4:  
 Region: 4  
 Facility Status: Site Assessment  
 SLIC: 0710A  
 Substance: TPH  
 Staff: TTW

SWEEPS UST:  
 Status: Active  
 Comp Number: 13720  
 Number: 9  
 Board Of Equalization: Not reported  
 Referral Date: 06-30-89  
 Action Date: Not reported  
 Created Date: 06-30-89  
 Tank Status: Not reported  
 Owner Tank Id: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Swrcb Tank Id: Not reported  
Actv Date: Not reported  
Capacity: Not reported  
Tank Use: Not reported  
Stg: Not reported  
Content: Not reported  
Number Of Tanks: Not reported

**CHMIRS:**

OES Incident Number: 00-2016  
OES notification: 05/06/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Agency: El Segundo Generating Station  
Incident Date: 5/6/2000 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Utilities/Substation  
E Date: Not reported  
Substance: asbestos  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 1  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: One of the boiler pumps ruptured, it was insulated with asbestos. The insulation was 4 inches in diameter and a 10 ft long section. Abatement crew is on site for clean up.

OES Incident Number: 02-5895  
OES notification: 11/01/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agency Personnel # Of Decontaminated: Not reported  
Responding Agency Personnel # Of Injuries: Not reported  
Responding Agency Personnel # 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2002  
Agency: El Segundo Power LOC  
Incident Date: 11/1/200212:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Utilities/Substation  
E Date: Not reported  
Substance: Turban Lube Oil  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Substance was released when substance was transferred from unit to a storage tank when operator notice substance was leaking from portion of line that is underground. Line was immediately secured. Note: A minimal amount of oil was found on surface, less than 1gallon. Excavation will determine amount of release. Substance was contained to secondary containment area.  
  
OES Incident Number: 00-0412  
OES notification: 01/28/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

<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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Amcon Marine
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	SCE
Incident Date:	1/28/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	35% solution of hydazine diluted w/water
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	40
Grams:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SOUTHERN CALIFORNIA EDISON CO (Continued)

S100178126

Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A day tank overfilled. The vent line on the tank put this liquid out onto the ground.

OES Incident Number: '12-2812  
OES notification: 05/11/2012  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Utilities/Substation  
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

SOUTHERN CALIFORNIA EDISON CO (Continued)

S100178126

Type: Not reported  
Measure: Gal(s)  
Other: Not reported  
Date/Time: 2252  
Year: 2012  
Agency: El Segundo Power  
Incident Date: 5/10/2012  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported  
E Date: Not reported  
Substance: Mineral Oil  
Quantity Released: 220  
BBLs: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported  
Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
Description: A mechanical issue caused this release

OES Incident Number: 00-3671  
OES notification: 08/15/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	NRG
Incident Date:	8/15/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Hydrazine
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0.04
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Tank was over filled and water solution overflowed into containment area.
OES Incident Number:	02-3117
OES notification:	06/06/2002
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2002
Agency:	El Segundo Power LLC
Incident Date:	6/6/200212:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Utilities/Substation
E Date:	Not reported
Substance:	Hydrazene
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SOUTHERN CALIFORNIA EDISON CO (Continued)

S100178126

Liters: 0  
Ounces: 1  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: This is in a 35% water-based solution. The drum had a leak.

OES Incident Number: '12-7738  
OES notification: 12/19/2012  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Utilities/Substation  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Gal(s)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Other:	Not reported
Date/Time:	700
Year:	2012
Agency:	El Segundo Power
Incident Date:	12/19/2012
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Lube Oil
Quantity Released:	55
BBLs:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	A leaking lube oil pipe on a gas turbine on #10 caused this release.
OES Incident Number:	'12-7776
OES notification:	12/20/2012
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Utilities/Substation  
Cleanup By: Reporting Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Gal(s)  
Other: Not reported  
Date/Time: 1050  
Year: 2012  
Agency: El Segundo Power  
Incident Date: 12/20/2012  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported  
E Date: Not reported  
Substance: EDTA, Iron Removal Agent  
Quantity Released: 10  
BBLs: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported  
Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
Description: The caller is reporting that during the cleaning of a boiler a flange failed causing the spill.  
  
OES Incident Number: '12-7939  
OES notification: 12/27/2012  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Other  
Cleanup By: AIS Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Gal(s)  
Other: Not reported  
Date/Time: 730  
Year: 2012  
Agency: El Segundo Power  
Incident Date: 12/27/2012  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported  
E Date: Not reported  
Substance: Lube Oil  
Quantity Released: 55  
BBLs: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SOUTHERN CALIFORNIA EDISON CO (Continued)

S100178126

Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Caller states a weld failure on external flush equipment resulted in the release of substance onto soil. The flush equipment was secured and an outside contractor is en route for clean up.
OES Incident Number:	98-0178
OES notification:	01/14/1998
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Pacific Ocean
Spill Site:	Not reported
Cleanup By:	Reporting Party
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

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Other: Not reported  
Date/Time: Not reported  
Year: 1998  
Agency: Southern California Edison  
Incident Date: 1/13/1998 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Utilities/Substation  
E Date: Not reported  
Substance: Sodium Hypo Chloride  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 25  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Contractors working on site and broke a pipe on the tank causing a leak on the ground. Disipated into the ocean.

OES Incident Number: 97-4015  
OES notification: 10/09/1997  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SOUTHERN CALIFORNIA EDISON CO (Continued)

S100178126

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  
Comments: 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: 1997  
Agency: Edison Pipeline & Terminal Co  
Incident Date: 10/8/1997 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Other  
E Date: Not reported  
Substance: Hydro Test Water  
Quantity Released: Not reported  
BBLs: 100  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Performing Hydro Test and the pipe ruptured.  
  
OES Incident Number: 98-3678  
OES notification: 08/11/1998  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 1998  
Agency: El Segundo Generating Station  
Incident Date: 8/11/1998 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Industrial Plant  
E Date: Not reported  
Substance: Hydrazine 35% solution  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 30  
Liters: 0  
Ounces: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SOUTHERN CALIFORNIA EDISON CO (Continued)

S100178126

Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Handler was attempting to put drum into service when it fell off its cradle, resulting in a leak.

OES Incident Number: '12-4357  
OES notification: 07/26/2012  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Industrial Plant  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Gal(s)  
Other: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Date/Time: 915  
Year: 2012  
Agency: El Segundo Power  
Incident Date: 7/26/2012  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported  
E Date: Not reported  
Substance: Hydraulic Oil  
Quantity Released: 15  
BBLS: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported  
Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
Description: Caller states: Construction is going on at the site and pile drivers are located along the eastern boundary of the property. One of the pile drivers had a hydraulic leak and the oil mist sprayed eastward offsite and it got to the number one lane of south bound Vista Del Mar. A hazmat cleanup crew is onsite and they will be doing cleanup.

OES Incident Number: '12-3086  
OES notification: 05/25/2012  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	600
Year:	2012
Agency:	El Segundo Power
Incident Date:	5/25/2012
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Mineral Oil Release
Quantity Released:	286
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	While venting the air to the new Unit 5 main transformer, a pressure relief device prematurely released. No injuries. The release is secure and a contractor has been retained to clean-up the material. The release occurred during construction of a new power plant.

Notify 65:

Date Reported:	Not reported
Staff Initials:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 90245-3650

LA Co. Site Mitigation:

Facility ID: Not reported  
Site ID: SD0012142  
Jurisdiction: State  
Case ID: RO0001142  
Abated: No  
Assigned To: Not reported  
Entered Date: 05/11/2004

ENF:

Region: 4  
Facility Id: 223531  
Agency Name: El Segundo Power LLC  
Place Type: Utility  
Place Subtype: Power Plant  
Facility Type: Industrial  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.9163489  
Place Longitude: -118.42756  
SIC Code 1: 4911  
SIC Desc 1: Electric Services  
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: 400  
Threat To Water Quality: 1  
Complexity: A  
Pretreatment: X - Facility is not a POTW  
Facility Waste Type: Process waste, NEC  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: NPDES  
# Of Programs: 1  
WDID: 4B192111001  
Reg Measure Id: 148238  
Reg Measure Type: NPDES Permits  
Region: 4  
Order #: 00-084  
Npdes# CA#: CA0001147  
Major-Minor: Major

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	20000
Status:	Active
Status Date:	08/25/2011
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2012
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:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	357694
Region:	4
Order / Resolution Number:	SWB-2008-4-0038
Enforcement Action Type:	Admin Civil Liability
Effective Date:	07/15/2009
Adoption/Issuance Date:	07/15/2009
Achieve Date:	Not reported
Termination Date:	10/25/2009
ACL Issuance Date:	12/09/2008
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Expedited Payment Letter for El Segundo Power, L.L.C.
Description:	Mandatory Minimum Penalty Amount Owed for Effluent Violations (3 Serious Violations + 1 Chronic Violation) ? \$3,000 = \$12,000 to the Cleanup & Abatement Account.
Program:	NPDES
Latest Milestone Completion Date:	10/25/2009
# Of Programs1:	1
Total Assessment Amount:	12000
Initial Assessed Amount:	12000
Liability \$ Amount:	12000
Project \$ Amount:	0
Liability \$ Paid:	12000
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	12000
Region:	4
Facility Id:	758274
Agency Name:	El Segundo Energy Center, LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.9163890
Place Longitude:	-118.42749
SIC Code 1:	4911

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SOUTHERN CALIFORNIA EDISON CO (Continued)

S100178126

SIC Desc 1:	Electric Services
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:	2.5
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Miscellaneous
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDES
# Of Programs:	1
WDID:	4B198900064
Reg Measure Id:	375663
Reg Measure Type:	Enrollee
Region:	4
Order #:	R4-2008-0032
Npdes# CA#:	CAG994004
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	5760
Status:	Historical
Status Date:	09/22/2012
Effective Date:	09/22/2010
Expiration/Review Date:	06/05/2013
Termination Date:	09/18/2012
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:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	389567
Region:	4
Order / Resolution Number:	EPL No. R4-2013-0040
Enforcement Action Type:	Expedited Payment Letter
Effective Date:	03/12/2013
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SOUTHERN CALIFORNIA EDISON CO (Continued)

S100178126

Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	03/12/2013
Status:	Active
Title:	EPL EPL No. R4-2013-0040 for EI Segundo Energy Center, LLC
Description:	EPL No. R4-2013-0040 issued on 03/12/13 addressing 1 effluent violation in total MMP amount of \$3,000.
Program:	NPDES
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
Region:	4
Facility Id:	223531
Agency Name:	EI Segundo Power LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.9163489
Place Longitude:	-118.42756
SIC Code 1:	4911
SIC Desc 1:	Electric Services
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:	400
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDES
# Of Programs:	1
WDID:	4B192111001
Reg Measure Id:	148238
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-084

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Npdes# CA#: CA0001147  
Major-Minor: Major  
Npdes Type: OTH  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: N  
Application Fee Amt Received: 20000  
Status: Active  
Status Date: 08/25/2011  
Effective Date: 06/29/2000  
Expiration/Review Date: 01/01/2012  
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: 66 - NPDES Based on Flow  
Direction/Voice: Passive  
Enforcement Id(EID): 380512  
Region: 4  
Order / Resolution Number: R4-2011-0122-M  
Enforcement Action Type: Expedited Payment Letter  
Effective Date: 07/22/2011  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: Not reported  
ACL Issuance Date: Not reported  
EPL Issuance Date: 07/22/2011  
Status: Withdrawn  
Title: Expedited Payment Letter for El Segundo Power, L.L.C.  
Description: Expedited Payment Letter sent 7/22/11 for 2 effluent violations. MMP amt for 2 effluent violations: \$3,000.  
Program: NPDES  
Latest Milestone Completion Date: 10/11/2011  
# 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  
Region: 4  
Facility Id: 223531  
Agency Name: El Segundo Power LLC  
Place Type: Utility  
Place Subtype: Power Plant  
Facility Type: Industrial  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.9163489  
Place Longitude: -118.42756

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

SIC Code 1:	4911
SIC Desc 1:	Electric Services
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:	400
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDES
# Of Programs:	1
WDID:	4B192111001
Reg Measure Id:	148238
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-084
Npdes# CA#:	CA0001147
Major-Minor:	Major
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	20000
Status:	Active
Status Date:	08/25/2011
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2012
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:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	332607
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	08/03/2007
Adoption/Issuance Date:	08/03/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Achieve Date:	Not reported
Termination Date:	08/03/2007
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 8/3/07 for violations of Order 00-084.
Description:	NOV sent 8/3/07 for 6 effluent violations & 60 reporting violations of Order 00-084.
Program:	NPDES
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
Region:	4
Facility Id:	223531
Agency Name:	EI Segundo Power LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.9163489
Place Longitude:	-118.42756
SIC Code 1:	4911
SIC Desc 1:	Electric Services
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:	400
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDES
# Of Programs:	1
WDID:	4B192111001
Reg Measure Id:	148238
Reg Measure Type:	NPDES Permits
Region:	4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Order #: 00-084  
Npdes# CA#: CA0001147  
Major-Minor: Major  
Npdes Type: OTH  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: N  
Application Fee Amt Received: 20000  
Status: Active  
Status Date: 08/25/2011  
Effective Date: 06/29/2000  
Expiration/Review Date: 01/01/2012  
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: 66 - NPDES Based on Flow  
Direction/Voice: Passive  
Enforcement Id(EID): 240296  
Region: 4  
Order / Resolution Number: NOV (revised)  
Enforcement Action Type: Notice of Violation  
Effective Date: 12/10/2001  
Adoption/Issuance Date: 12/10/2001  
Achieve Date: Not reported  
Termination Date: 01/10/2002  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: NOV (revised) sent 12/10/01 for effluent violations of Order 00-084.  
Description: Revised Notice of Violation sent 12/10/01 for effluent violations of Order No. 00-084.  
  
Program: NPDES  
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  
  
Region: 4  
Facility Id: 223531  
Agency Name: El Segundo Power LLC  
Place Type: Utility  
Place Subtype: Power Plant  
Facility Type: Industrial  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.9163489

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Place Longitude:	-118.42756
SIC Code 1:	4911
SIC Desc 1:	Electric Services
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:	607
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDES
# Of Programs:	1
WDID:	4B192111001
Reg Measure Id:	135509
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	94-129
Npdes# CA#:	CA0001147
Major-Minor:	Major
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	12/05/1994
Effective Date:	12/05/1994
Expiration/Review Date:	11/10/1999
Termination Date:	06/28/2000
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):	240339
Region:	4
Order / Resolution Number:	NOV (revised)
Enforcement Action Type:	Notice of Violation
Effective Date:	12/10/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Adoption/Issuance Date: 12/10/2001  
Achieve Date: Not reported  
Termination Date: 01/10/2002  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: NOV (revised) sent 12/10/01 for effluent violations of Order No. 94-129.  
Description: Revised Notice of Violation sent 12/10/01 for effluent violations of Order No. 94-129.  
Program: NPDES  
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  
Region: 4  
Facility Id: 223531  
Agency Name: El Segundo Power LLC  
Place Type: Utility  
Place Subtype: Power Plant  
Facility Type: Industrial  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.9163489  
Place Longitude: -118.42756  
SIC Code 1: 4911  
SIC Desc 1: Electric Services  
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: 607  
Threat To Water Quality: 1  
Complexity: A  
Pretreatment: X - Facility is not a POTW  
Facility Waste Type: Process waste, NEC  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: NPDES  
# Of Programs: 1  
WDID: 4B192111001  
Reg Measure Id: 135509

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Reg Measure Type:	NPDES Permits
Region:	4
Order #:	94-129
Npdes# CA#:	CA0001147
Major-Minor:	Major
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	12/05/1994
Effective Date:	12/05/1994
Expiration/Review Date:	11/10/1999
Termination Date:	06/28/2000
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):	235320
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	05/04/2001
Adoption/Issuance Date:	05/04/2001
Achieve Date:	Not reported
Termination Date:	12/09/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 5/4/01 for effluent violations of Order No. 94-129.
Description:	Notice of Violation sent 5/4/01 for effluent violations of Order No. 94-129.
Program:	NPDES
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
Region:	4
Facility Id:	223531
Agency Name:	EI Segundo Power LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SOUTHERN CALIFORNIA EDISON CO (Continued)

S100178126

# Of Agencies:	1
Place Latitude:	33.9163489
Place Longitude:	-118.42756
SIC Code 1:	4911
SIC Desc 1:	Electric Services
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:	400
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDES
# Of Programs:	1
WDID:	4B192111001
Reg Measure Id:	148238
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-084
Npdes# CA#:	CA0001147
Major-Minor:	Major
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	20000
Status:	Active
Status Date:	08/25/2011
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2012
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:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	235321
Region:	4
Order / Resolution Number:	NOV

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Enforcement Action Type:	Notice of Violation
Effective Date:	05/04/2001
Adoption/Issuance Date:	05/04/2001
Achieve Date:	Not reported
Termination Date:	12/09/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 5/4/01 for effluent violations of Order No. 00-084.
Description:	Notice of Violation sent 5/4/01 for effluent violations of Order No. 00-084.
Program:	NPDES
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
Region:	4
Facility Id:	223531
Agency Name:	EI Segundo Power LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.9163489
Place Longitude:	-118.42756
SIC Code 1:	4911
SIC Desc 1:	Electric Services
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:	400
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDES
# Of Programs:	1
WDID:	4B192111001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Reg Measure Id: 148238  
Reg Measure Type: NPDES Permits  
Region: 4  
Order #: 00-084  
Npdes# CA#: CA0001147  
Major-Minor: Major  
Npdes Type: OTH  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: N  
Application Fee Amt Received: 20000  
Status: Active  
Status Date: 08/25/2011  
Effective Date: 06/29/2000  
Expiration/Review Date: 01/01/2012  
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: 66 - NPDES Based on Flow  
Direction/Voice: Passive  
Enforcement Id(EID): 228214  
Region: 4  
Order / Resolution Number: SEL  
Enforcement Action Type: Staff Enforcement Letter  
Effective Date: 02/09/2000  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 02/09/2000  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Staff Enforcement Letter sent 2/9/00.  
Description: Discharger directed to take corrective & preventive actions to bring discharge into compliance, and to monitor suspended solids weekly for at least 4 weeks. Discharger must also submit monthly progress reports beginning 3/1/00.  
  
Program: NPDES  
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

EMI:  
Year: 1990  
County Code: 19  
Air Basin: SC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Facility ID: 71646  
Air District Name: SC  
SIC Code: 4911  
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 & Smlr Tons/Yr: 0

Year: 2001  
County Code: 19  
Air Basin: SC  
Facility ID: 115663  
Air District Name: SC  
SIC Code: 4911  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 200  
Reactive Organic Gases Tons/Yr: 87  
Carbon Monoxide Emissions Tons/Yr: 1320  
NOX - Oxides of Nitrogen Tons/Yr: 763  
SOX - Oxides of Sulphur Tons/Yr: 9  
Particulate Matter Tons/Yr: 119  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 119

Year: 2002  
County Code: 19  
Air Basin: SC  
Facility ID: 115663  
Air District Name: SC  
SIC Code: 4911  
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: 129  
Reactive Organic Gases Tons/Yr: 54  
Carbon Monoxide Emissions Tons/Yr: 831  
NOX - Oxides of Nitrogen Tons/Yr: 70  
SOX - Oxides of Sulphur Tons/Yr: 6  
Particulate Matter Tons/Yr: 75  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 75

Year: 2003  
County Code: 19  
Air Basin: SC  
Facility ID: 115663  
Air District Name: SC  
SIC Code: 4911  
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

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Total Organic Hydrocarbon Gases Tons/Yr: 129  
Reactive Organic Gases Tons/Yr: 54  
Carbon Monoxide Emissions Tons/Yr: 831  
NOX - Oxides of Nitrogen Tons/Yr: 70  
SOX - Oxides of Sulphur Tons/Yr: 6  
Particulate Matter Tons/Yr: 75  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 75

Year: 2004  
County Code: 19  
Air Basin: SC  
Facility ID: 115663  
Air District Name: SC  
SIC Code: 4911  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 128.941  
Reactive Organic Gases Tons/Yr: 54.42  
Carbon Monoxide Emissions Tons/Yr: 831.0058  
NOX - Oxides of Nitrogen Tons/Yr: 69.880488  
SOX - Oxides of Sulphur Tons/Yr: 5.9300157  
Particulate Matter Tons/Yr: 75.1002481  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 75.1

Year: 2005  
County Code: 19  
Air Basin: SC  
Facility ID: 115663  
Air District Name: SC  
SIC Code: 4911  
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: 14.9013  
Reactive Organic Gases Tons/Yr: 6.30337827  
Carbon Monoxide Emissions Tons/Yr: 227.1  
NOX - Oxides of Nitrogen Tons/Yr: 21.06  
SOX - Oxides of Sulphur Tons/Yr: 1.624  
Particulate Matter Tons/Yr: 20.58  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 20.58

Year: 2006  
County Code: 19  
Air Basin: SC  
Facility ID: 115663  
Air District Name: SC  
SIC Code: 4911  
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: 25.20114728815541572  
Reactive Organic Gases Tons/Yr: 10.676  
Carbon Monoxide Emissions Tons/Yr: 162.078  
NOX - Oxides of Nitrogen Tons/Yr: 15.19  
SOX - Oxides of Sulphur Tons/Yr: 1.158  
Particulate Matter Tons/Yr: 14.665

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Part. Matter 10 Micrometers & Smlr Tons/Yr: 14.6644893

Year: 2007  
County Code: 19  
Air Basin: SC  
Facility ID: 115663  
Air District Name: SC  
SIC Code: 4911  
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: 25.20114728815541572  
Reactive Organic Gases Tons/Yr: 10.676  
Carbon Monoxide Emissions Tons/Yr: 162.078  
NOX - Oxides of Nitrogen Tons/Yr: 15.19  
SOX - Oxides of Sulphur Tons/Yr: 1.158  
Particulate Matter Tons/Yr: 14.665  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 14.6644893

Year: 2008  
County Code: 19  
Air Basin: SC  
Facility ID: 115663  
Air District Name: SC  
SIC Code: 4911  
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: 35.82921565053682001  
Reactive Organic Gases Tons/Yr: 15.15  
Carbon Monoxide Emissions Tons/Yr: 230.83  
NOX - Oxides of Nitrogen Tons/Yr: 21.2  
SOX - Oxides of Sulphur Tons/Yr: 1.64  
Particulate Matter Tons/Yr: 20.88  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 20.88

Year: 2009  
County Code: 19  
Air Basin: SC  
Facility ID: 115663  
Air District Name: SC  
SIC Code: 4911  
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: 38.349996588277598  
Reactive Organic Gases Tons/Yr: 16.219999999999999  
Carbon Monoxide Emissions Tons/Yr: 247  
NOX - Oxides of Nitrogen Tons/Yr: 23.02  
SOX - Oxides of Sulphur Tons/Yr: 1.76  
Particulate Matter Tons/Yr: 22.34  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 22.34

Year: 2010  
County Code: 19  
Air Basin: SC  
Facility ID: 115663

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Air District Name: SC  
SIC Code: 4911  
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: 13.898826422641401  
Reactive Organic Gases Tons/Yr: 5.90069  
Carbon Monoxide Emissions Tons/Yr: 89.25  
NOX - Oxides of Nitrogen Tons/Yr: 12.332000000000001  
SOX - Oxides of Sulphur Tons/Yr: 0.63749999999999996  
Particulate Matter Tons/Yr: 8.0754999999999999  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 8.0752446500000001

HWP:

EPA Id: CAD000630962  
Cleanup Status: NON-OPERATING  
Latitude: 33.90616  
Longitude: -118.4210  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: 400445, 530041, 600235  
Assembly District: 62  
Senate District: 26  
Public Information Officer: Not reported

Activities:

EPA Id: CAD000630962  
Facility Type: Historical - Non-Operating  
Unit Names: Not reported  
Event Description: New Operating Permit - APPLICATION PART A RECEIVED  
Actual Date: 11/19/1980

Alias:

EPA Id: CAD000630962  
Facility Type: Historical - Non-Operating  
Alias Type: Project Code (Site Code)  
Alias: 400445

EPA Id: CAD000630962  
Facility Type: Historical - Non-Operating  
Alias Type: Project Code (Site Code)  
Alias: 530041

EPA Id: CAD000630962  
Facility Type: Historical - Non-Operating  
Alias Type: Alternate Name  
Alias: SCE EI Segundo

EPA Id: CAD000630962  
Facility Type: Historical - Non-Operating  
Alias Type: Alternate Name  
Alias: EI Segundo Power LLC

EPA Id: CAD000630962  
Facility Type: Historical - Non-Operating

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN CALIFORNIA EDISON CO (Continued)**

**S100178126**

Alias Type: Project Code (Site Code)  
Alias: 600235  
  
EPA Id: CAD000630962  
Facility Type: Historical - Non-Operating  
Alias Type: FRS  
Alias: 110018959359

**A32  
Target  
Property**

**SCE-EL SEGUNDO GENERATING  
301 VISTA DEL MAR  
EL SEGUNDO, CA**

**LOS ANGELES CO. HMS**

**S100280952  
N/A**

**Site 32 of 36 in cluster A**

**Actual:  
18 ft.**

LOS ANGELES CO. HMS:  
Region: LA  
Facility Id: 013377-013720  
Facility Type: T0  
Facility Status: Closed  
Area: 2N  
Permit Number: 00006276T  
Permit Status: Closed

**A33  
Target  
Property**

**EL SEGUNDO POWER, LLC  
301 VISTA DEL MAR BL.  
EL SEGUNDO, CA 90245**

**UST U003782103  
N/A**

**Site 33 of 36 in cluster A**

**Actual:  
18 ft.**

UST:  
Facility ID: 300011  
Latitude: 33.91607  
Longitude: -118.42745

**EL SEGUNDO UST:**

Facility Type: Facilities are Active (Inactive Date is blank)  
Type of Action: Change of information  
Region: SEGUNDO  
Cert Number: Not reported  
  
Tank Number: 000001  
Tank Status: Change of information  
Tank Content: Other petroleum  
other Contents?: Not reported  
Active: Chemical product storage  
Date Inspected: 06/26/2013  
Permit Number: 30-0011

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A34**  
**Target** 301 VISTA DEL MAR  
**Property** EL SEGUNDO, CA 90245

**ERNS** 98450120  
N/A

Site 34 of 36 in cluster A

**Actual:** 18 ft. [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**A35** EL SEGUNDO GENERATING STATION  
**Target** 301 VISTA DEL MAR  
**Property** EL SEGUNDO, CA 90245

**NPDES** U001562993  
**HIST UST** N/A  
**CHMIRS**  
**ENVIROSTOR**  
**WDS**

Site 35 of 36 in cluster A

**Actual:** 18 ft. NPDES:  
 Npdes Number: CAS000002  
 Facility Status: Active  
 Agency Id: 0  
 Region: 4  
 Regulatory Measure Id: 317562  
 Order No: 2009-0009-DWQ  
 Regulatory Measure Type: Enrollee  
 Place Id: Not reported  
 WDID: 4 19C345097  
 Program Type: Construction  
 Adoption Date Of Regulatory Measure: Not reported  
 Effective Date Of Regulatory Measure: 12/28/2006  
 Expiration Date Of Regulatory Measure: Not reported  
 Termination Date Of Regulatory Measure: Not reported  
 Discharge Name: NRG Energy, Inc  
 Discharge Address: 301 Vista Del Mar Blvd  
 Discharge City: El Segundo  
 Discharge State: California  
 Discharge Zip: 90245

HIST UST:  
 Region: STATE  
 Facility ID: 00000022178  
 Facility Type: Other  
 Other Type: ELECTRIC UTILITY  
 Total Tanks: 0012  
 Contact Name: M. F. CRUZ, ENG. II  
 Telephone: 8185721801  
 Owner Name: SOUTHERN CALIFORNIA EDISON CO.  
 Owner Address: 2244 WALNUT GROVE AVENUE  
 Owner City,St,Zip: ROSEMEAD, CA 91770

Tank Num: 001  
 Container Num: 133  
 Year Installed: 1954  
 Tank Capacity: 00003500  
 Tank Used for: PRODUCT  
 Type of Fuel: Not reported  
 Tank Construction: Not reported  
 Leak Detection: Visual

Tank Num: 002  
 Container Num: 134  
 Year Installed: 1963

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**U001562993**

Tank Capacity: 00003500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 003  
Container Num: 135  
Year Installed: 1963  
Tank Capacity: 00001300  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 004  
Container Num: 136  
Year Installed: 1954  
Tank Capacity: 00000850  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 005  
Container Num: 137  
Year Installed: 1963  
Tank Capacity: 00000950  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 006  
Container Num: 138  
Year Installed: 1964  
Tank Capacity: 00800000  
Tank Used for: WASTE  
Type of Fuel: 06  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 007  
Container Num: 139  
Year Installed: 1964  
Tank Capacity: 00400000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 008  
Container Num: 140  
Year Installed: 1981  
Tank Capacity: 00005000  
Tank Used for: WASTE  
Type of Fuel: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**U001562993**

Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 009  
Container Num: 141  
Year Installed: 1978  
Tank Capacity: 00019600  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 010  
Container Num: 142  
Year Installed: 1978  
Tank Capacity: 00008000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 011  
Container Num: 143  
Year Installed: 1954  
Tank Capacity: 00005500  
Tank Used for: WASTE  
Type of Fuel: 06  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 012  
Container Num: 144  
Year Installed: 1963  
Tank Capacity: 00011000  
Tank Used for: WASTE  
Type of Fuel: 06  
Tank Construction: Not reported  
Leak Detection: Visual

**CHMIRS:**

OES Incident Number: 11-7232  
OES notification: 12/06/2011  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**U001562993**

Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Qt.(s)
Other:	Not reported
Date/Time:	200
Year:	2011
Agency:	El Segundo Power
Incident Date:	12/6/2011
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Hydraulic Oil
Quantity Released:	1
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	A back how was operating near the beach when a hydraulic line on the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

EL SEGUNDO GENERATING STATION (Continued)

U001562993

backhoe broke, releasing the material to the nearby rocks and beach area.

OES Incident Number: 11-6753  
OES notification: 11/13/2011  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Yes  
Waterway: forebay  
Spill Site: Waterways  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Gal(s)  
Other: Not reported  
Date/Time: 815  
Year: 2011  
Agency: El Segundo Power  
Incident Date: 11/13/2011  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: forebay

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**U001562993**

E Date: Not reported  
Substance: Oil  
Quantity Released: 1  
BBLS: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported  
Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
Description: The caller is reporting oil from machinery spilled into forbay within the facility. The spill is contained and will be recovered.

**ENVIROSTOR:**

Site Type: Corrective Action  
Site Type Detailed: Corrective Action  
Acres: 37  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Steven Rounds  
Supervisor: Allan Plaza  
Division Branch: Cleanup Chatsworth  
Facility ID: 60001197  
Site Code: 530041  
Assembly: 54  
Senate: 25  
Special Program: Not reported  
Status: Active  
Status Date: 02/01/1995  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 33.90642  
Longitude: -118.4212  
APN: NONE SPECIFIED  
Past Use: WASTE WATER PONDS  
Potential COC: Polychlorinated biphenyls (PCBs, Vanadium and compounds)  
Confirmed COC: Polychlorinated biphenyls (PCBs, Vanadium and compounds, 30587-NO, 30018-NO  
Potential Description: OTH, SOIL  
Alias Name: Southern California Edison  
Alias Type: Alternate Name  
Alias Name: CAD000630962  
Alias Type: EPA Identification Number  
Alias Name: 110018959359  
Alias Type: EPA (FRS #)  
Alias Name: 400445

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**U001562993**

Alias Type: Project Code (Site Code)  
Alias Name: 530041  
Alias Type: Project Code (Site Code)  
Alias Name: 60001197  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/13/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 01/19/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Workplan  
Completed Date: 06/24/2011  
Comments: getting a few extra docs from RP to aid in decision process

Completed Area Name: Surface Impoundments  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 06/14/2010  
Comments: Available for public comment

Completed Area Name: Surface Impoundments  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 06/14/2010  
Comments: available for public review

Completed Area Name: Surface Impoundments  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 06/14/2010  
Comments: Available for public review

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/02/2011  
Comments: DTSC internal review, no letter issued

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Soils Management Plan  
Completed Date: 03/24/2011  
Comments: Not reported

Completed Area Name: Surface Impoundments  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**U001562993**

Completed Date: 03/03/2011  
Comments: see 3/24/ comment

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 06/16/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/15/2011  
Comments: DTSC conducted fast review to assist with site development

Completed Area Name: Surface Impoundments  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 06/10/2010  
Comments: draft signed copy

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Judicial Order  
Completed Date: 02/06/1995  
Comments: Order signed and recorded.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 12/07/2011  
Comments: DTSC approved through electronic mail.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 11/29/2012  
Comments: DTSC acknowledges report.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Implementation Report  
Completed Date: 06/25/2013  
Comments: Soils significantly impacted by metals contamination removed.

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Remedial Action Completion Report  
Future Due Date: 2015

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Corrective Measure Implementation Workplan  
Future Due Date: 2015

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Certification  
Future Due Date: 2016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**U001562993**

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Remedy Selection and Statement of Basis  
Future Due Date: 2014  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Remedial Investigation Report  
Schedule Due Date: 05/15/2013  
Schedule Revised Date: 10/13/2013  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Corrective Measures Study Report  
Schedule Due Date: 04/29/2014  
Schedule Revised Date: Not reported

**CA WDS:**

Facility ID: Los Angeles River 192111001  
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: CA0001147 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 3106156351  
Facility Contact: Alex Sanchez  
Agency Name: EL SEGUNDO POWER L.L.C.  
Agency Address: 301 Vista del Mar Boulevard  
Agency City,St,Zip: El Segundo 90245  
Agency Contact: Alex Sanchez  
Agency Telephone: 3106156351  
Agency Type: Private  
SIC Code: 4911  
SIC Code 2: Not reported  
Primary Waste: Process Waste (Waste produced as part of the industrial/manufacturing process)  
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: 607  
Baseline Flow: 606  
Reclamation: No reclamation requirements associated with this facility.  
POTW: The facility is not a POTW.  
Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.  
Complexity: Category A - Any major NPDES facility, any non-NPDES facility

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EL SEGUNDO GENERATING STATION (Continued)**

**U001562993**

(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.

**A36  
Target  
Property**

**EL SEGUNDO PUMP STATION  
301 VISTA DEL MAR  
EL SEGUNDO, CA 90245**

**HIST UST  
AST**

**U001562996  
N/A**

**Site 36 of 36 in cluster A**

**Actual:  
18 ft.**

**HIST UST:**

Region: STATE  
Facility ID: 00000066310  
Facility Type: Other  
Other Type: ELECTRIC UTILITY  
Total Tanks: 0002  
Contact Name: MARIO A. FAVARO  
Telephone: 8183021478  
Owner Name: SOUTHERN CALIFORNIA EDISON COM  
Owner Address: 2244 WALNUT GROVE AVENUE  
Owner City,St,Zip: ROSEMEAD, CA 91770

Tank Num: 001  
Container Num: 506  
Year Installed: 1984  
Tank Capacity: 00000800  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 2 inches  
Leak Detection: None

Tank Num: 002  
Container Num: 375  
Year Installed: 1984  
Tank Capacity: 00000360  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 2 inches  
Leak Detection: None

**AST:**

Owner: EL SEGUNDO POWER, LLC  
Total Gallons: 41,000  
Certified Unified Program Agencies: El Segundo

Owner: PACIFIC TERMINALS LLC  
Total Gallons: 1,689,954  
Certified Unified Program Agencies: El Segundo

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**B37**  
**SE**  
**1/8-1/4**  
**0.230 mi.**  
**1214 ft.**

**CHEVRON SS # 1891/97608**  
**601 S. VISTA DEL MAR**  
**EL SEGUNDO, CA 90245**

**UST**    **U003938852**  
**N/A**

**Site 1 of 5 in cluster B**

**Relative:**  
**Higher**  
  
**Actual:**  
**90 ft.**

UST:  
Facility ID:    300023  
Latitude:       33.90725  
Longitude:     -118.42175

EL SEGUNDO UST:

Facility Type:                    Facilities are Active (Inactive Date is blank)  
Type of Action:                  Change of information  
Region:                            SEGUNDO  
Cert Number:                    03437

Tank Number:                    000001  
Tank Status:                    Change of information  
Tank Content:                    Regular unleaded  
other Contents?:                Not reported  
Active:                            Motort vehicle fueling  
Date Inspected:                05/16/2013  
Permit Number:                30-0023

Tank Number:                    000002  
Tank Status:                    Change of information  
Tank Content:                    Midgrade unleaded  
other Contents?:                Not reported  
Active:                            Motort vehicle fueling  
Date Inspected:                05/16/2013  
Permit Number:                30-0023

Tank Number:                    000003  
Tank Status:                    Change of information  
Tank Content:                    Premium unleaded  
other Contents?:                Not reported  
Active:                            Motort vehicle fueling  
Date Inspected:                05/16/2013  
Permit Number:                30-0023

**B38**  
**SE**  
**1/8-1/4**  
**0.230 mi.**  
**1214 ft.**

**CHEVRON**  
**601 S VISTA DEL MAR**  
**EL SEGUNDO, CA 90245**

**SWEEPS UST**    **S106924286**  
**N/A**

**Site 2 of 5 in cluster B**

**Relative:**  
**Higher**  
  
**Actual:**  
**90 ft.**

SWEEPS UST:  
Status:                            Not reported  
Comp Number:                    9866  
Number:                            Not reported  
Board Of Equalization:        44-008606  
Referral Date:                    Not reported  
Action Date:                    Not reported  
Created Date:                    Not reported  
Tank Status:                    Not reported  
Owner Tank Id:                    Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON (Continued)**

**S106924286**

Swrcb Tank Id: 19-000-009866-000003  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: OIL  
Stg: WASTE  
Content: Not reported  
Number Of Tanks: 1

Status: Active  
Comp Number: 9866  
Number: 1  
Board Of Equalization: 44-008606  
Referral Date: 02-20-91  
Action Date: 02-20-91  
Created Date: 06-30-89  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 19-000-009866-000001  
Actv Date: 06-30-89  
Capacity: Not reported  
Tank Use: UNKNOWN  
Stg: W  
Content: Not reported  
Number Of Tanks: 3

Status: Active  
Comp Number: 9866  
Number: 1  
Board Of Equalization: 44-008606  
Referral Date: 02-20-91  
Action Date: 02-20-91  
Created Date: 06-30-89  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 19-000-009866-000002  
Actv Date: 06-30-89  
Capacity: Not reported  
Tank Use: UNKNOWN  
Stg: W  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 9866  
Number: 1  
Board Of Equalization: 44-008606  
Referral Date: 02-20-91  
Action Date: 02-20-91  
Created Date: 06-30-89  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 19-000-009866-000004  
Actv Date: 06-30-89  
Capacity: Not reported  
Tank Use: UNKNOWN  
Stg: W  
Content: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON (Continued)**

**S106924286**

Number Of Tanks: Not reported

**B39**  
**SE**  
**1/8-1/4**  
**0.230 mi.**  
**1214 ft.**

**CHEVRON STATION NO 97608**  
**601 VISTA DEL MAR**  
**EL SEGUNDO, CA**

**RCRA-LQG** **1006805021**  
**FINDS** **CAR000119867**

**Site 3 of 5 in cluster B**

**Relative:**  
**Higher**

RCRA-LQG:

**Actual:**  
**90 ft.**

Date form received by agency: 02/28/2012  
Facility name: CHEVRON 97608  
Facility address: 601 VISTA DEL MAR  
EL SEGUNDO, CA 90245  
EPA ID: CAR000119867  
Mailing address: PO BOX 6004  
SAN RAMON, CA 94583  
Contact: KATHY NORRIS  
Contact address: PO BOX 6004  
SAN RAMON, CA 94583  
Contact country: Not reported  
Contact telephone: (877) 386-6044  
Telephone ext.: 04  
Contact email: NAWTDESK@CHEVRON.COM  
EPA Region: 09  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CHEVRON PRODUCTS CO  
Owner/operator address: P O BOX 6004  
SAN RAMON, CA 94583  
Owner/operator country: Not reported  
Owner/operator telephone: (925) 842-5931  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: CHEVRON USA INC.  
Owner/operator address: BOLLINGER CANYON ROAD  
SAN RAMON, CA 94583  
Owner/operator country: Not reported  
Owner/operator telephone: 8773866044 04  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 02/28/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 97608 (Continued)**

**1006805021**

Owner/Op end date: Not reported  
  
Owner/operator name: CHEVRON USA INC.  
Owner/operator address: BOLLINGER CANYON ROAD  
SAN RAMON, CA 94583  
  
Owner/operator country: Not reported  
Owner/operator telephone: 8773866044 04  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 08/26/1966  
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: 05/16/2002  
Facility name: CHEVRON 97608  
Site name: CHEVRON STATION NO 97608  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: 134  
Waste name: 134

Waste code: 223  
Waste name: 223

Waste code: 343  
Waste name: 343

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

Waste code: D018  
Waste name: BENZENE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 97608 (Continued)**

**1006805021**

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

Waste code: D018  
Waste name: BENZENE

Biennial Reports:

Last Biennial Reporting Year: 2013

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): 29299.4

Waste code: D018  
Waste name: BENZENE  
Amount (Lbs): 29359.4

Violation Status: No violations found

FINDS:

Registry ID: 110013290615

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.

HAZARDOUS WASTE BIENNIAL REPORTER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B40**  
**SE**  
**1/8-1/4**  
**0.230 mi.**  
**1214 ft.**

**97608**  
**601 VISTA DEL MAR**  
**MANHATTAN BEACH, CA 90266**

**HIST UST**    **U001563485**  
**N/A**

**Site 4 of 5 in cluster B**

**Relative:**  
**Higher**

HIST UST:  
Region: STATE  
Facility ID: 00000063013  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0004  
Contact Name: REYNOLDS,MICHAEL K  
Telephone: 2135459096  
Owner Name: CHEVRON U.S.A. INC.  
Owner Address: 575 MARKET  
Owner City,St,Zip: SAN FRANCISCO, CA 94105

**Actual:**  
**90 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 0000250 unknown  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 0000250 unknown  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 0000250 unknown  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 0000250 unknown  
Leak Detection: Stock Inventor

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B41**  
**SE**  
**1/8-1/4**  
**0.230 mi.**  
**1214 ft.**

**601 VISTA DEL MAR**  
**MANHATTAN BEACH, CA 90266**

**EDR US Hist Auto Stat** **1015568942**  
**N/A**

**Site 5 of 5 in cluster B**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: CHEVRON STATIONS INC  
Year: 2007  
Address: 601 VISTA DEL MAR

**Actual:**  
**90 ft.**

Name: CHEVRON STATIONS INC  
Year: 2008  
Address: 601 VISTA DEL MAR

Name: CHEVRON STATIONS INC  
Year: 2009  
Address: 601 VISTA DEL MAR

**C42**  
**NNW**  
**1/2-1**  
**0.559 mi.**  
**2953 ft.**

**LA CITY, DWP SCATTERGOOD GENERATING STN**  
**12700 VISTA DEL MAR**  
**PLAYA DEL REY, CA 90293**

**Toxic Pits** **S100676275**  
**EMI** **N/A**

**Site 1 of 2 in cluster C**

**Relative:**  
**Higher**

Toxic Pits:

Region: 04  
Task #: 84007  
Owner: L.A. DEPT. OF WATER AND POWER  
1/2 Mi Limit: Y  
Num. of Pits: 1  
Cease Discharge Due: / /  
Cease Discharge Complete: 05/01/85  
Closure Due: / /  
**Closure Completed: 10/18/90**  
Status: CLOSED  
Hydro Geological Assessment Report Due: / /  
Final Hydro Geological Assessment Review Completed: 06/15/89

**Actual:**  
**33 ft.**

EMI:

Year: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
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: 182  
Reactive Organic Gases Tons/Yr: 77  
Carbon Monoxide Emissions Tons/Yr: 122  
NOX - Oxides of Nitrogen Tons/Yr: 529  
SOX - Oxides of Sulphur Tons/Yr: 7  
Particulate Matter Tons/Yr: 20  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 20  
  
Year: 1996  
County Code: 19

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LA CITY, DWP SCATTERGOOD GENERATING STN (Continued)

S100676275

Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
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: 147  
Reactive Organic Gases Tons/Yr: 62  
Carbon Monoxide Emissions Tons/Yr: 99  
NOX - Oxides of Nitrogen Tons/Yr: 471  
SOX - Oxides of Sulphur Tons/Yr: 5  
Particulate Matter Tons/Yr: 17  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 17

Year: 1997  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
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: 84  
Reactive Organic Gases Tons/Yr: 40  
Carbon Monoxide Emissions Tons/Yr: 171  
NOX - Oxides of Nitrogen Tons/Yr: 531  
SOX - Oxides of Sulphur Tons/Yr: 3  
Particulate Matter Tons/Yr: 37  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 37

Year: 1998  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
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: 88  
Reactive Organic Gases Tons/Yr: 42  
Carbon Monoxide Emissions Tons/Yr: 171  
NOX - Oxides of Nitrogen Tons/Yr: 531  
SOX - Oxides of Sulphur Tons/Yr: 3  
Particulate Matter Tons/Yr: 37  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 37

Year: 1999  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
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

LA CITY, DWP SCATTERGOOD GENERATING STN (Continued)

S100676275

Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 84  
Reactive Organic Gases Tons/Yr: 40  
Carbon Monoxide Emissions Tons/Yr: 171  
NOX - Oxides of Nitrogen Tons/Yr: 531  
SOX - Oxides of Sulphur Tons/Yr: 3  
Particulate Matter Tons/Yr: 37  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 37

Year: 2000  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
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: 84  
Reactive Organic Gases Tons/Yr: 40  
Carbon Monoxide Emissions Tons/Yr: 171  
NOX - Oxides of Nitrogen Tons/Yr: 531  
SOX - Oxides of Sulphur Tons/Yr: 3  
Particulate Matter Tons/Yr: 37  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 37

Year: 2001  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: B  
Total Organic Hydrocarbon Gases Tons/Yr: 142  
Reactive Organic Gases Tons/Yr: 65  
Carbon Monoxide Emissions Tons/Yr: 313  
NOX - Oxides of Nitrogen Tons/Yr: 586  
SOX - Oxides of Sulphur Tons/Yr: 6  
Particulate Matter Tons/Yr: 67  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 67

Year: 2002  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
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: 144  
Reactive Organic Gases Tons/Yr: 65  
Carbon Monoxide Emissions Tons/Yr: 310  
NOX - Oxides of Nitrogen Tons/Yr: 46  
SOX - Oxides of Sulphur Tons/Yr: 6

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LA CITY, DWP SCATTERGOOD GENERATING STN (Continued)

S100676275

Particulate Matter Tons/Yr:	67
Part. Matter 10 Micrometers & Smlr Tons/Yr:	67
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	800075
Air District Name:	SC
SIC Code:	4911
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:	144
Reactive Organic Gases Tons/Yr:	65
Carbon Monoxide Emissions Tons/Yr:	310
NOX - Oxides of Nitrogen Tons/Yr:	46
SOX - Oxides of Sulphur Tons/Yr:	6
Particulate Matter Tons/Yr:	67
Part. Matter 10 Micrometers & Smlr Tons/Yr:	67
Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	800075
Air District Name:	SC
SIC Code:	4911
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	143.7238105
Reactive Organic Gases Tons/Yr:	64.85
Carbon Monoxide Emissions Tons/Yr:	310.46726
NOX - Oxides of Nitrogen Tons/Yr:	45.55986
SOX - Oxides of Sulphur Tons/Yr:	6.3265475
Particulate Matter Tons/Yr:	66.7229525
Part. Matter 10 Micrometers & Smlr Tons/Yr:	66.72
Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	800075
Air District Name:	SC
SIC Code:	4911
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:	46.27766
Reactive Organic Gases Tons/Yr:	21.611439439
Carbon Monoxide Emissions Tons/Yr:	488.00207
NOX - Oxides of Nitrogen Tons/Yr:	31.68663
SOX - Oxides of Sulphur Tons/Yr:	44.519375
Particulate Matter Tons/Yr:	39.362335
Part. Matter 10 Micrometers & Smlr Tons/Yr:	39.3622539925
Year:	2006
County Code:	19
Air Basin:	SC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LA CITY, DWP SCATTERGOOD GENERATING STN (Continued)

S100676275

Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
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: 81.91354333464359317  
Reactive Organic Gases Tons/Yr: 37.824  
Carbon Monoxide Emissions Tons/Yr: 589.919  
NOX - Oxides of Nitrogen Tons/Yr: 38.24  
SOX - Oxides of Sulphur Tons/Yr: 46.28  
Particulate Matter Tons/Yr: 48.271  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 44.6881

Year: 2007  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4911  
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: 81.91319909321444220  
Reactive Organic Gases Tons/Yr: 37.824  
Carbon Monoxide Emissions Tons/Yr: 589.919  
NOX - Oxides of Nitrogen Tons/Yr: 38.24  
SOX - Oxides of Sulphur Tons/Yr: 46.28  
Particulate Matter Tons/Yr: 48.271  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 44.6881

Year: 2008  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4939  
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: 93.04262593169571264  
Reactive Organic Gases Tons/Yr: 42.27269566944  
Carbon Monoxide Emissions Tons/Yr: 467.29194616  
NOX - Oxides of Nitrogen Tons/Yr: 37.26314140718556560  
SOX - Oxides of Sulphur Tons/Yr: 42.920185818  
Particulate Matter Tons/Yr: 51.9807363105  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 48.07771787117865

Year: 2009  
County Code: 19  
Air Basin: SC  
Facility ID: 800075  
Air District Name: SC  
SIC Code: 4939  
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

**LA CITY, DWP SCATTERGOOD GENERATING STN (Continued)**

**S100676275**

Total Organic Hydrocarbon Gases Tons/Yr: 71.984710980716798  
 Reactive Organic Gases Tons/Yr: 33.090504000000003  
 Carbon Monoxide Emissions Tons/Yr: 607.98254999999995  
 NOX - Oxides of Nitrogen Tons/Yr: 58.452134999999998  
 SOX - Oxides of Sulphur Tons/Yr: 38.4402045  
 Particulate Matter Tons/Yr: 40.541026899999999  
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 38.071933540400003

Year: 2010  
 County Code: 19  
 Air Basin: SC  
 Facility ID: 800075  
 Air District Name: SC  
 SIC Code: 4939  
 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: 135.17368181993101  
 Reactive Organic Gases Tons/Yr: 59.26585  
 Carbon Monoxide Emissions Tons/Yr: 433.37088  
 NOX - Oxides of Nitrogen Tons/Yr: 27.763870000000001  
 SOX - Oxides of Sulphur Tons/Yr: 32.223272649999998  
 Particulate Matter Tons/Yr: 28.880283250000002  
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 26.5980237825

**C43**  
**NNW**  
 1/2-1  
 0.559 mi.  
 2953 ft.

**SCATTERGOOD GENERATING STATION**  
**12700 VISTA DEL MAR**  
**PLAYA DEL REY, CA 90291**  
 Site 2 of 2 in cluster C

**CA FID UST**  
**SWEEPS UST**  
**WDS**  
**HWP**

**S101617725**  
**N/A**

**Relative:**  
**Higher**

CA FID UST:  
 Facility ID: 19037504  
 Regulated By: UTKNI  
 Regulated ID: Not reported  
 Cortese Code: Not reported  
 SIC Code: Not reported  
 Facility Phone: 2134817962  
 Mail To: Not reported  
 Mailing Address: 12700 VISTA DEL MAR  
 Mailing Address 2: Not reported  
 Mailing City,St,Zip: PLAYA DEL REY 902910000  
 Contact: Not reported  
 Contact Phone: Not reported  
 DUNs Number: Not reported  
 NPDES Number: Not reported  
 EPA ID: Not reported  
 Comments: Not reported  
 Status: Inactive

**Actual:**  
**33 ft.**

SWEEPS UST:  
 Status: Not reported  
 Comp Number: 3869  
 Number: Not reported  
 Board Of Equalization: Not reported  
 Referral Date: Not reported  
 Action Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SCATTERGOOD GENERATING STATION (Continued)**

**S101617725**

Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: Not reported  
Actv Date: Not reported  
Capacity: Not reported  
Tank Use: Not reported  
Stg: Not reported  
Content: Not reported  
Number Of Tanks: 0

**CA WDS:**

Facility ID: Los Angeles River 193500003  
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: CA0000370 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 3233674354  
Facility Contact: Rey Reyes Jr  
Agency Name: LOS ANGELES CITY OF DWP  
Agency Address: 111 N. Hope St.  
Agency City,St,Zip: Los Angeles 90012  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Agency Type: City  
SIC Code: 4911  
SIC Code 2: Not reported  
Primary Waste: Cooling Water: Contact  
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: 496  
Baseline Flow: 340  
Reclamation: No reclamation requirements associated with this facility.  
POTW: The facility is not a POTW.  
Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.  
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.

**HWP:**

EPA Id: CAD000633008

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SCATTERGOOD GENERATING STATION (Continued)**

**S101617725**

Cleanup Status: PROTECTIVE FILER  
 Latitude: 33.91773  
 Longitude: -118.4283  
 Facility Type: Historical - Non-Operating  
 Facility Size: Not reported  
 Team: Not reported  
 Supervisor: Not reported  
 Site Code: Not reported  
 Assembly District: 62  
 Senate District: 26  
 Public Information Officer: Not reported

Activities:

EPA Id: CAD000633008  
 Facility Type: Historical - Non-Operating  
 Unit Names: SURFSTR1, SURFTR1  
 Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)  
 Actual Date: 05/28/1985

EPA Id: CAD000633008  
 Facility Type: Historical - Non-Operating  
 Unit Names: SURFSTR1, SURFTR1  
 Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)  
 Actual Date: 06/14/1984

Alias:

EPA Id: CAD000633008  
 Facility Type: Historical - Non-Operating  
 Alias Type: FRS  
 Alias: 110000914734

**D44  
 NE  
 1/2-1  
 0.565 mi.  
 2984 ft.**

**324 W EL SEGUNDO  
 EL SEGUNDO, CA  
 Site 1 of 4 in cluster D**

**SWF/LF S107449710  
 CHMIRS N/A  
 DEED  
 ENVIROSTOR**

**Relative:  
 Higher**

SWF/LF (SWIS):  
 Region: STATE  
 Facility ID: 19-AA-5073  
 Lat/Long: 33.9161100 / -118.28222  
 Owner Name: Chevron USA El Segundo Refinery  
 Owner Telephone: 3106155000  
 Owner Address: Not reported  
 Owner Address2: 324 W. El Segundo Blvd.  
 Owner City,St,Zip: El Segundo, CA  
 Operational Status: Closed  
 Operator: Chevron USA El Segundo Refinery  
 Operator Phone: 3106155000  
 Operator Address: Not reported  
 Operator Address2: 324 W. El Segundo Blvd.  
 Operator City,St,Zip: El Segundo, CA  
 Permit Date: Not reported  
 Permit Status: Not reported  
 Permitted Acreage: 0  
 Activity: Solid Waste Disposal Site  
 Regulation Status: Unpermitted

**Actual:  
 129 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S107449710

Landuse Name: Not reported  
GIS Source: Map  
Category: Disposal  
Unit Number: 01  
Inspection Frequency: Annual  
Accepted Waste: Not reported  
Closure Date: 12/31/1978  
Closure Type: Estimated  
Disposal Acreage: 0  
SWIS Num: 19-AA-5073  
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

CHMIRS:

OES Incident Number: 04-6614  
OES notification: 12/17/2004  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S107449710

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: 2004  
Agency: Chevron Texaco  
Incident Date: 12/17/2004 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: NOX alarm sounded due to plant start up.

DEED:

Area: Not reported  
Sub Area: Not reported  
Site Type: OPERATING PERMIT  
Status: OPERATING PERMIT  
Deed Date(s): Not reported  
  
Area: PROJECT WIDE  
Sub Area: Not reported  
Site Type: CORRECTIVE ACTION  
Status: REFER: RWQCB  
Deed Date(s): 08/17/1996

ENVIROSTOR:

Site Type: Corrective Action  
Site Type Detailed: Corrective Action  
Acres: 0  
NPL: NO  
Regulatory Agencies: RWQCB

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S107449710

Lead Agency: WQC  
Program Manager: Not reported  
Supervisor: \* Unknown  
Division Branch: Cleanup Chatsworth  
Facility ID: 80001563  
Site Code: 300032  
Assembly: 62  
Senate: 26  
Special Program: Not reported  
Status: Refer: RWQCB  
Status Date: 01/01/2008  
Restricted Use: YES  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.90465  
Longitude: -118.4151  
APN: 4138016007  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 4138016007  
Alias Type: APN  
Alias Name: CAD008336901  
Alias Type: EPA Identification Number  
Alias Name: 300032  
Alias Type: Project Code (Site Code)  
Alias Name: 19290197  
Alias Type: Envirostor ID Number  
Alias Name: 80001563  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 08/17/1996  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RCRA Facility Assessment Report  
Completed Date: 03/30/1988  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire  
Completed Date: 09/30/1992  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)  
Completed Date: 12/14/1990  
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S107449710

Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire  
Completed Date: 11/05/1997  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Agreement  
Completed Date: 08/29/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Agreement  
Completed Date: 05/23/1988  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed  
Completed Date: 01/28/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Groundwater Migration Controlled  
Completed Date: 03/09/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Groundwater Migration Controlled  
Completed Date: 06/30/2004  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 03/09/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 08/07/2002  
Comments: Not reported

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: GROUNDWATER  
Completed Document Type: RFI Report  
Completed Date: 01/01/1997  
Comments: Not reported

Completed Area Name: ENTIRE FACILITY, SOILS  
Completed Sub Area Name: Not reported  
Completed Document Type: RFI Workplan  
Completed Date: 06/05/1991

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S107449710

Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 02/01/1985  
Comments: Not reported

Completed Area Name: ENTIRE FACILITY, SOILS  
Completed Sub Area Name: Not reported  
Completed Document Type: RFI Report  
Completed Date: 09/29/1992  
Comments: Not reported

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: GROUNDWATER  
Completed Document Type: Interim Measures Workplan  
Completed Date: 05/23/1988  
Comments: Not reported

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: GROUNDWATER  
Completed Document Type: Interim Measures Implementation Report  
Completed Date: 01/01/1997  
Comments: Not reported

Completed Area Name: ENTIRE FACILITY, SOILS  
Completed Sub Area Name: Not reported  
Completed Document Type: Corrective Measures Study Workplan  
Completed Date: 07/21/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 11/23/1988  
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		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

<b>D45</b> <b>NE</b> <b>1/2-1</b> <b>0.565 mi.</b> <b>2984 ft.</b>  <b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>129 ft.</b>	<b>CHEVRON USA EL SEGUNDO REF</b> <b>324 W EL SEGUNDO BLVD</b> <b>EL SEGUNDO, CA 90245</b>  <b>Site 2 of 4 in cluster D</b>	<b>RCRA-TSDF</b> <b>CERC-NFRAP</b> <b>CORRACTS</b> <b>RCRA-LQG</b> <b>US INST CONTROL</b> <b>TRIS</b> <b>RAATS</b> <b>WMUDS/SWAT</b> <b>HIST UST</b> <b>CHMIRS</b> <b>Notify 65</b> <b>LOS ANGELES CO. HMS</b> <b>EMI</b> <b>WDS</b> <b>2020 COR ACTION</b> <b>HWP</b> <b>Financial Assurance</b> <b>US FIN ASSUR</b>	<b>1000434347</b> <b>90245CHVRN324WE</b>
---	---	--	---

**RCRA-TSDF:**  
 Date form received by agency: 07/26/2012  
 Facility name: CHEVRON, EL SEGUNDO REFINERY  
 Facility address: 324 W EL SEGUNDO BLVD  
 EL SEGUNDO, CA 90245  
 EPA ID: CAD008336901  
 Mailing address: POBOX 97  
 EL SEGUNDO, CA 90245  
 Contact: ALAN CROSBY  
 Contact address: W EL SEGUNDO BLVD  
 EL SEGUNDO, CA 90245  
 Contact country: Not reported  
 Contact telephone: (310) 615-5091  
 Contact email: ACROSBY@CHEVRON.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: CHEVRON USA, INC  
 Owner/operator address: BOLINGER CANYON ROAD  
 SAN RAMON, CA 94583  
 Owner/operator country: US  
 Owner/operator telephone: (925) 842-1000  
 Legal status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Owner/Operator Type: Operator  
Owner/Op start date: 05/24/1911  
Owner/Op end date: Not reported  
  
Owner/operator name: CHEVRON USA, INC  
Owner/operator address: BOLINGER CANYON ROAD  
SAN RAMON, CA 94583  
  
Owner/operator country: Not reported  
Owner/operator telephone: (925) 842-1000  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 05/24/1911  
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: Yes  
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: 03/25/2010  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 02/12/2008  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON EL SEGUNDO REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 02/26/2004  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON EL SEGUNDO REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 02/26/2002  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON EL SEGUNDO REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON PRODUCTS CO. - EL SEGUNDO REF.  
Classification: Large Quantity Generator

Date form received by agency: 03/16/1999  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON USA PRODUCTS COMPANY EL SEGUNDO  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON U S A INC  
Classification: Large Quantity Generator

Date form received by agency: 02/21/1996  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON USA PRODUCT  
Classification: Large Quantity Generator

Date form received by agency: 03/16/1994  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON EL SEGUNDO REFINERY  
Classification: Large Quantity Generator

Date form received by agency: 05/26/1993  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON U S A INC  
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON USA INC-EL SEGUNDO REF  
Classification: Large Quantity Generator

Date form received by agency: 03/01/1990  
Facility name: CHEVRON, EL SEGUNDO REFINERY  
Site name: CHEVRON USA INC-EL SEGUNDO REFINERY  
Classification: Large Quantity Generator

**Hazardous Waste Summary:**

Waste code: 121  
Waste name: 121

Waste code: 122  
Waste name: 122

Waste code: 141  
Waste name: 141

Waste code: 151  
Waste name: 151

Waste code: 162  
Waste name: 162

Waste code: 181  
Waste name: 181

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Waste code: 222  
Waste name: 222

Waste code: 223  
Waste name: 223

Waste code: 241  
Waste name: 241

Waste code: 261  
Waste name: 261

Waste code: 331  
Waste name: 331

Waste code: 342  
Waste name: 342

Waste code: 343  
Waste name: 343

Waste code: 352  
Waste name: 352

Waste code: 461  
Waste name: 461

Waste code: 512  
Waste name: 512

Waste code: 513  
Waste name: 513

Waste code: 541  
Waste name: 541

Waste code: 551  
Waste name: 551

Waste code: 791  
Waste name: 791

Waste code: 792  
Waste name: 792

Waste code: D001

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

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: 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.

Waste code: D004  
Waste name: ARSENIC

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: 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.

Waste code: K051  
Waste name: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY

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)

Waste code: K172

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Waste name: Spent hydro refining catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (excludes inert support media).

Waste code: LABP  
Waste name: LAB PACK

Biennial Reports:

Last Biennial Reporting Year: 2013

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): 2715

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): 2715

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): 2715

Waste code: D004  
Waste name: ARSENIC  
Amount (Lbs): 2963830

Waste code: D006  
Waste name: CADMIUM  
Amount (Lbs): 2715

Waste code: D008  
Waste name: LEAD  
Amount (Lbs): 193215

Waste code: D010  
Waste name: SELENIUM  
Amount (Lbs): 2964470

Waste code: D011  
Waste name: SILVER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Amount (Lbs): 2750

Waste code: D018  
Waste name: BENZENE  
Amount (Lbs): 3100298

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): 1274660

Waste code: K051  
Waste name: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY  
Amount (Lbs): 671480

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): 2963830

Waste code: K172  
Waste name: Spent hydro refining catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (excludes inert support media).  
Amount (Lbs): 2963830

Waste code: LABP  
Waste name: LAB PACK  
Amount (Lbs): 26552

**Corrective Action Summary:**

Event date: 02/01/1985  
Event: CA049PA

Event date: 03/30/1988  
Event: RFA Determination Of Need For An RFI, RFI is Necessary;

Event date: 03/30/1988  
Event: RFA Completed

Event date: 03/30/1988  
Event: RFA Completed, Assessment was an RFA.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Event date:	05/23/1988
Event:	Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).
Event date:	11/23/1988
Event:	CA029EP
Event date:	11/23/1988
Event:	CA Prioritization, Facility or area was assigned a high corrective action priority.
Event date:	11/23/1988
Event:	CA074HI
Event date:	11/23/1988
Event:	CA049RE
Event date:	02/24/1989
Event:	CA022
Event date:	02/24/1989
Event:	CMS Imposition
Event date:	02/24/1989
Event:	RFI Imposition
Event date:	12/14/1990
Event:	CMS Imposition
Event date:	12/14/1990
Event:	RFI Imposition
Event date:	04/20/1991
Event:	CA Prioritization, Facility or area was assigned a high corrective action priority.
Event date:	06/05/1991
Event:	RFI Workplan Approved
Event date:	06/05/1991
Event:	RFI Workplan Approved
Event date:	09/29/1992
Event:	RFI Approved
Event date:	09/29/1992
Event:	RFI Approved
Event date:	09/30/1992
Event:	Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
Event date:	09/30/1992
Event:	Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date:	07/21/1993
Event:	CMS Workplan Approved
Event date:	07/21/1993
Event:	CMS Workplan Approved
Event date:	08/17/1996
Event:	CA772ID
Event date:	01/01/1997
Event:	Stabilization Construction Completed
Event date:	01/01/1997
Event:	RFI Approved
Event date:	11/05/1997
Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event date:	11/05/1997
Event:	Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event date:	11/05/1997
Event:	CA Responsibility Referred To A Non-RCRA Federal Authority
Event date:	11/05/1997
Event:	Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.
Event date:	03/09/2001
Event:	Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event date:	03/09/2001
Event:	Current Human Exposures under Control, Current human exposures are NOT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

under control.

Event date: 03/09/2001  
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 03/09/2001  
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 08/07/2002  
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 08/15/2002  
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 06/30/2004  
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 06/30/2004  
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 01/28/2011  
Event: CA550RC

Event date: 01/28/2011  
Event: CA550RC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Event date: Not reported  
Event: Date For Remedy Selection (CM Imposed)

Event date: Not reported  
Event: CMS Approved

Event date: Not reported  
Event: CMS Imposition

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 06/04/2009  
Date achieved compliance: 06/26/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/08/2009  
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: TSD - Financial Requirements  
Date violation determined: 04/28/2008  
Date achieved compliance: 04/13/2010  
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: State Statute or Regulation  
Date violation determined: 09/21/2006  
Date achieved compliance: 06/29/2007  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/12/2008  
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: State Statute or Regulation  
Date violation determined: 09/21/2006  
Date achieved compliance: 06/29/2007  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Enforcement action: SINGLE SITE CA/FO  
Enforcement action date: 04/11/2008  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 17727  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: State Statute or Regulation  
Date violation determined: 09/21/2006  
Date achieved compliance: 06/29/2007  
Violation lead agency: State  
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION  
Enforcement action date: 02/12/2008  
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: 01/24/2006  
Date achieved compliance: 01/25/2006  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/25/2006  
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: 01/17/2006  
Date achieved compliance: 04/13/2010  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/09/2006  
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 - General Facility Standards  
Date violation determined: 08/22/2001  
Date achieved compliance: 08/22/2001  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Enforcement action date: 08/22/2001  
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: - 264.90-94.F  
Area of violation: TSD IS-Ground-Water Monitoring  
Date violation determined: 11/13/1998  
Date achieved compliance: 04/07/1999  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 10/13/2000  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD IS-Ground-Water Monitoring  
Date violation determined: 11/13/1998  
Date achieved compliance: 04/07/1999  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 10/05/2000  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 18000  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: - 264.90-94.F  
Area of violation: TSD IS-Ground-Water Monitoring  
Date violation determined: 11/13/1998  
Date achieved compliance: 04/07/1999  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 10/05/2000  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD IS-Ground-Water Monitoring  
Date violation determined: 11/13/1998  
Date achieved compliance: 04/07/1999  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 11/13/1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD IS-Ground-Water Monitoring  
Date violation determined: 11/13/1998  
Date achieved compliance: 04/07/1999  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 10/13/2000  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 18000  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 09/21/1994  
Date achieved compliance: 01/20/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/21/1994  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 09/21/1994  
Date achieved compliance: 01/20/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/21/1994  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 09/21/1994  
Date achieved compliance: 01/20/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/21/1994  
Enf. disposition status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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 - 264.270-282.M  
Area of violation: TSD - General  
Date violation determined: 05/20/1993  
Date achieved compliance: 06/18/1993  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 05/20/1993  
Date achieved compliance: 06/18/1993  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I  
Area of violation: TSD - General  
Date violation determined: 05/20/1993  
Date achieved compliance: 06/18/1993  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 05/20/1993  
Date achieved compliance: 06/18/1993  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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: 04/13/1993  
Date achieved compliance: 04/23/1993  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 04/15/1993  
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: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 09/30/1992  
Date achieved compliance: 03/30/1993  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 10/29/1990  
Date achieved compliance: 06/18/1992  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/13/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 10/29/1990  
Date achieved compliance: 06/18/1992  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/13/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 10/29/1990  
Date achieved compliance: 06/18/1992  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 10/29/1990  
Date achieved compliance: 06/18/1992  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/07/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E  
Area of violation: TSD - General  
Date violation determined: 10/29/1990  
Date achieved compliance: 06/18/1992  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/07/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 270  
Area of violation: TSD - General  
Date violation determined: 10/29/1990  
Date achieved compliance: 06/18/1992  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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

Regulation violated: F - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
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: F - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
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: F - 270  
Area of violation: TSD - General  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
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: F - 268.7  
Area of violation: LDR - General  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/09/1990  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Paid penalty amount: Not reported

Regulation violated: F - 268 ALL  
Area of violation: LDR - General  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/09/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 268.7  
Area of violation: LDR - General  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
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: F - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/09/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 264.110-120.G  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Regulation violated: F - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/09/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 270  
Area of violation: TSD - General  
Date violation determined: 03/15/1990  
Date achieved compliance: 11/14/1992  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/09/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H  
Area of violation: TSD - Financial Requirements  
Date violation determined: 06/21/1988  
Date achieved compliance: 09/22/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/22/1988  
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 - 270  
Area of violation: TSD - General  
Date violation determined: 01/12/1988  
Date achieved compliance: 02/04/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/25/1988  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Evaluation Action Summary:

Evaluation date: 12/11/2012  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/07/2010  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/20/2010  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/04/2009  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 06/26/2009  
Evaluation lead agency: State

Evaluation date: 04/07/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/28/2008  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 04/13/2010  
Evaluation lead agency: State

Evaluation date: 03/26/2008  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/29/2007  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/21/2006  
Evaluation: FACILITY SELF DISCLOSURE  
Area of violation: State Statute or Regulation  
Date achieved compliance: 06/29/2007  
Evaluation lead agency: State

Evaluation date: 09/21/2006  
Evaluation: SIGNIFICANT NON-COMPLIER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/27/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: Local

Evaluation date: 01/24/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 01/25/2006  
Evaluation lead agency: State

Evaluation date: 01/17/2006  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 04/13/2010  
Evaluation lead agency: State

Evaluation date: 12/22/2005  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 01/29/2004  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 12/16/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 12/23/2002  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/18/2002  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/22/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General Facility Standards  
Date achieved compliance: 08/22/2001  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Evaluation date: 11/13/2000  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/19/2000  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/13/1999  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/07/1999  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 11/13/1998  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/13/1998  
Evaluation: GROUNDWATER MONITORING EVALUATION  
Area of violation: TSD IS-Ground-Water Monitoring  
Date achieved compliance: 04/07/1999  
Evaluation lead agency: State

Evaluation date: 03/18/1998  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 01/22/1997  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/30/1996  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/21/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Date achieved compliance: 01/20/1995  
Evaluation lead agency: State

Evaluation date: 06/30/1993  
Evaluation: GROUNDWATER MONITORING EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/15/1993  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 04/23/1993  
Evaluation lead agency: State

Evaluation date: 04/13/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 06/18/1993  
Evaluation lead agency: State

Evaluation date: 09/30/1992  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/15/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/18/1992  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/18/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/09/1992  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 03/30/1993  
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 10/29/1990  
Evaluation: 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

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Evaluation date: 10/29/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 06/18/1992  
Evaluation lead agency: State

Evaluation date: 10/12/1990  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/15/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 11/14/1992  
Evaluation lead agency: EPA

Evaluation date: 03/15/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 11/14/1992  
Evaluation lead agency: EPA

Evaluation date: 03/15/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 11/14/1992  
Evaluation lead agency: EPA

Evaluation date: 03/15/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 11/14/1992  
Evaluation lead agency: EPA

Evaluation date: 12/15/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 12/14/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/08/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/21/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Date achieved compliance: 09/22/1988  
Evaluation lead agency: State

Evaluation date: 01/12/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 02/04/1988  
Evaluation lead agency: State

Evaluation date: 12/28/1987  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**CERC-NFRAP:**

Site ID: 0901062  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**CERCLIS-NFRAP Site Contact Details:**

Contact Sequence ID: 13054422.00000  
Person ID: 9271184.00000

Contact Sequence ID: 13289401.00000  
Person ID: 13003854.00000

Contact Sequence ID: 13294996.00000  
Person ID: 13003858.00000

Contact Sequence ID: 13300854.00000  
Person ID: 13004003.00000

**CERCLIS-NFRAP Site Alias Name(s):**

Alias Name: EL SEGUNDO REF  
Alias Address: Not reported  
CA

**CERCLIS-NFRAP Assessment History:**

Action: ARCHIVE SITE  
Date Started: / /  
Date Completed: 01/08/91  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 01/08/91  
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: PRELIMINARY ASSESSMENT  
Date Started: 01/01/85  
Date Completed: 02/01/85  
Priority Level: Low priority for further assessment

Action: DISCOVERY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Date Started: //  
Date Completed: 03/01/80  
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY ASSESSMENT  
Date Started: //  
Date Completed: 04/15/88  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: //  
Date Completed: 09/19/90  
Priority Level: Low priority for further assessment

Action: PRELIMINARY ASSESSMENT  
Date Started: //  
Date Completed: 11/23/88  
Priority Level: Low priority for further assessment

**CORRACTS:**

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: GROUNDWATER  
Actual Date: 19970101  
Action: CA200 - RFI Approved  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: GROUNDWATER  
Actual Date: 19970101  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20110128  
Action: CA550RC  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: 20110128  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20010309  
Action: CA725NO - Current Human Exposures Under Control, Current human

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

exposures are NOT under control  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: 20010309  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20010309  
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected

NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: 20010309  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19880330  
Action: CA050 - RFA Completed  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: 19880330  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19880330  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: 19880330  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: GROUNDWATER  
Actual Date: 19880523  
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19910605  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20040630  
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,  
Migration of Contaminated Groundwater Under Control has been verified

NAICS Code(s): 32411  
Petroleum Refineries

Original schedule date: 20040630  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19930721  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 32411  
Petroleum Refineries

Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 20020807  
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human  
Exposures Under Control has been verified

NAICS Code(s): 32411  
Petroleum Refineries

Original schedule date: 20020807  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19960817  
Action: CA772ID  
NAICS Code(s): 32411  
Petroleum Refineries

Original schedule date: 19960817  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19920929  
Action: CA200 - RFI Approved  
NAICS Code(s): 32411  
Petroleum Refineries

Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD008336901  
EPA Region: 09  
Area Name: ENTIRE FACILITY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Actual Date: 19920930  
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): 32411  
Petroleum Refineries  
Original schedule date: 19920930  
Schedule end date: Not reported  
EPA ID: CAD008336901  
EPA Region: 09  
Area Name: GROUNDWATER  
Actual Date: 19971105  
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: Not reported  
Schedule end date: Not reported  
EPA ID: CAD008336901  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19901214  
Action: CA100 - RFI Imposition  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: Not reported  
Schedule end date: Not reported  
EPA ID: CAD008336901  
EPA Region: 09  
Area Name: SOILS  
Actual Date: 19901214  
Action: CA250 - CMS Imposition  
NAICS Code(s): 32411  
Petroleum Refineries  
Original schedule date: Not reported  
Schedule end date: Not reported

**US INST CONTROL:**

EPA ID: CAD008336901  
Site ID: Not reported  
Name: CHEVRON, EL SEGUNDO REFINERY  
Action Name: Not reported  
Address: 324 W EL SEGUNDO BLVD  
EL SEGUNDO, CA 90245  
EPA Region: 9  
County: LOS ANGELES  
Event Code: CA772ID  
Inst. Control: Not reported  
Actual Date: 8/17/1996  
Compleat. Date: Not reported  
Operable Unit: Not reported  
Contaminated Media : Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

TRIS:

[Click this hyperlink](#) while viewing on your computer to access 37 additional US\_TRIS: record(s) in the EDR Site Report.

WMUDS/SWAT:

Edit Date:	Not reported
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.
Primary Waste:	Stormwater Runoff
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Process Waste (Waste produced as part of the industrial/manufacturing process)
Secondary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Base Meridian:	Not reported
NPID:	CA0000337
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Private
Agency Name:	CHEVRON U.S.A. INC.
Agency Department:	Not reported
Agency Address:	324 W. EL SEGUNDO BLVD.
Agency City,St,Zip:	EL SEGUNDO CA 90245
Agency Contact:	DAVID W. REED
Agency Telephone:	3106155000
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:	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 Description:	Not reported
Facility Telephone:	3106155973
SWAT Facility Name:	Not reported
Primary SIC:	2911
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Solid Waste Assessment Test Program: False  
Toxic Pits Cleanup Act Program: True  
Resource Conservation Recovery Act: True  
Department of Defence: False  
Solid Waste Assessment Test Program: Not reported  
Threat to Water Quality: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.  
  
Sub Chapter 15: False  
Regional Board Project Officer: Not reported  
Number of WMUDS at Facility: 1  
Section Range: Not reported  
RCRA Facility: No  
Waste Discharge Requirements: A  
Self-Monitoring Rept. Frequency: Monthly Submittal  
Waste Discharge System ID: 4B192113001  
Solid Waste Information ID: Not reported

**HIST UST:**

Region: STATE  
Facility ID: 00000017479  
Facility Type: Other  
Other Type: PETROLEUM REFINERY  
Total Tanks: 0113  
Contact Name: C. P. MEHLUM  
Telephone: 2136155000  
Owner Name: CHEVRON U. S. A. INC.  
Owner Address: 575 MARKET STREET  
Owner City,St,Zip: SAN FRANCISCO, CA 94120

Tank Num: 001  
Container Num: D-1  
Year Installed: 1984  
Tank Capacity: 00025000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 4 inches  
Leak Detection: Visual

Tank Num: 002  
Container Num: D-231  
Year Installed: 1968  
Tank Capacity: 00001800  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 003  
Container Num: D-235  
Year Installed: 1968  
Tank Capacity: 00003150  
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

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Construction: 7 1/2 inches  
Leak Detection: Visual

Tank Num: 004  
Container Num: D-335  
Year Installed: 1968  
Tank Capacity: 00003150  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 7 1/2 inches  
Leak Detection: Visual

Tank Num: 005  
Container Num: D-491  
Year Installed: 1968  
Tank Capacity: 00000400  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 7 inches  
Leak Detection: Visual

Tank Num: 006  
Container Num: D-695  
Year Installed: 1968  
Tank Capacity: 00000230  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 7 inches  
Leak Detection: Visual

Tank Num: 007  
Container Num: D-888  
Year Installed: 1968  
Tank Capacity: 00001860  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 5/16 inches  
Leak Detection: Visual

Tank Num: 008  
Container Num: D-2402  
Year Installed: 1968  
Tank Capacity: 00000120  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 5 inches  
Leak Detection: Visual

Tank Num: 009  
Container Num: D-2  
Year Installed: 1970  
Tank Capacity: 00000900  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 7 inches  
Leak Detection: Visual

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Num: 010  
Container Num: D-3  
Year Installed: 1954  
Tank Capacity: 00000900  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 12 inches  
Leak Detection: Visual

Tank Num: 011  
Container Num: D-4  
Year Installed: 1954  
Tank Capacity: 00000900  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 1222 inches  
Leak Detection: Visual

Tank Num: 012  
Container Num: D-5  
Year Installed: 1954  
Tank Capacity: 00000900  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 12 inches  
Leak Detection: Visual

Tank Num: 013  
Container Num: D-65  
Year Installed: 1976  
Tank Capacity: 04200000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 014  
Container Num: D-1383  
Year Installed: 1974  
Tank Capacity: 00003096  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 12 inches  
Leak Detection: Visual

Tank Num: 015  
Container Num: D-1864  
Year Installed: 1974  
Tank Capacity: 00003096  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 12 inches  
Leak Detection: Visual

Tank Num: 016  
Container Num: D-6  
Year Installed: 1938

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Capacity: 00000042  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 017  
Container Num: D-7  
Year Installed: 1938  
Tank Capacity: 00000042  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 018  
Container Num: D-8  
Year Installed: 1938  
Tank Capacity: 00000042  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 019  
Container Num: D-10  
Year Installed: 1938  
Tank Capacity: 00000042  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 020  
Container Num: D-50  
Year Installed: 1972  
Tank Capacity: 00008500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 021  
Container Num: T-101  
Year Installed: 1972  
Tank Capacity: 00026000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 1022 inches  
Leak Detection: Visual

Tank Num: 022  
Container Num: T-201  
Year Installed: 1972  
Tank Capacity: 00026000  
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

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Construction: 1022 inches  
Leak Detection: Visual

Tank Num: 023  
Container Num: T-301  
Year Installed: 1972  
Tank Capacity: 00026000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 10 inches  
Leak Detection: Visual

Tank Num: 024  
Container Num: D-406  
Year Installed: 1972  
Tank Capacity: 00004400  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 025  
Container Num: D-570  
Year Installed: 1972  
Tank Capacity: 00003240  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 12 inches  
Leak Detection: Visual

Tank Num: 026  
Container Num: T-585  
Year Installed: 1968  
Tank Capacity: 00007100  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 027  
Container Num: T-590  
Year Installed: 1968  
Tank Capacity: 02670000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 24 inches  
Leak Detection: Visual

Tank Num: 028  
Container Num: D-680  
Year Installed: 1972  
Tank Capacity: 00004300  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 10 inches  
Leak Detection: Visual

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Num: 029  
Container Num: D-681  
Year Installed: 1972  
Tank Capacity: 00001100  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 10 inches  
Leak Detection: Visual

Tank Num: 030  
Container Num: D-693  
Year Installed: 1980  
Tank Capacity: 00000250  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 031  
Container Num: T-701  
Year Installed: 1974  
Tank Capacity: 00049000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 15 inches  
Leak Detection: Visual

Tank Num: 032  
Container Num: D-9  
Year Installed: 1952  
Tank Capacity: 00380000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Not reported

Tank Num: 033  
Container Num: D-11  
Year Installed: 1953  
Tank Capacity: 00615000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Not reported

Tank Num: 034  
Container Num: D-13  
Year Installed: 1961  
Tank Capacity: 00250000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 035  
Container Num: D-14  
Year Installed: 1958

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Capacity: 00215000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 7 inches  
Leak Detection: Visual

Tank Num: 036  
Container Num: T-700  
Year Installed: 1976  
Tank Capacity: 00900000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 037  
Container Num: D-15  
Year Installed: 1942  
Tank Capacity: 00150000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 7 inches  
Leak Detection: Visual

Tank Num: 038  
Container Num: D-16  
Year Installed: 1949  
Tank Capacity: 00020000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 7 inches  
Leak Detection: Visual

Tank Num: 039  
Container Num: D-17  
Year Installed: 1942  
Tank Capacity: 00096000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 9 inches  
Leak Detection: Visual

Tank Num: 040  
Container Num: D-18  
Year Installed: 1949  
Tank Capacity: 00047000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 9 inches  
Leak Detection: Visual

Tank Num: 041  
Container Num: D-19  
Year Installed: 1943  
Tank Capacity: 00000100  
Tank Used for: WASTE  
Type of Fuel: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 042  
Container Num: D-20  
Year Installed: 1953  
Tank Capacity: 00000100  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 043  
Container Num: D-21  
Year Installed: 1959  
Tank Capacity: 00000628  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 4 inches  
Leak Detection: Visual

Tank Num: 044  
Container Num: D-82  
Year Installed: 1981  
Tank Capacity: 00001600  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 045  
Container Num: D-83  
Year Installed: 1981  
Tank Capacity: 00001600  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 046  
Container Num: D-84  
Year Installed: 1981  
Tank Capacity: 00000060  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 047  
Container Num: D-85  
Year Installed: 1981  
Tank Capacity: 00001600  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Num: 048  
Container Num: D-145  
Year Installed: 1966  
Tank Capacity: 00000005  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 049  
Container Num: D-203  
Year Installed: 1952  
Tank Capacity: 00000855  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 050  
Container Num: D-303  
Year Installed: 1954  
Tank Capacity: 00003500  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 621 inches  
Leak Detection: Visual

Tank Num: 051  
Container Num: DG-1  
Year Installed: 1967  
Tank Capacity: 00039000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 052  
Container Num: D-22  
Year Installed: 1923  
Tank Capacity: 02050000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 12 inches  
Leak Detection: Visual

Tank Num: 053  
Container Num: D-23  
Year Installed: 1968  
Tank Capacity: 00050000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 12 inches  
Leak Detection: Visual

Tank Num: 054  
Container Num: D-30  
Year Installed: 1946

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 055  
Container Num: D-24  
Year Installed: 1943  
Tank Capacity: 00240000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 14 inches  
Leak Detection: Visual

Tank Num: 056  
Container Num: D-25  
Year Installed: 1977  
Tank Capacity: 00002060  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 057  
Container Num: D-26  
Year Installed: 1977  
Tank Capacity: 00012000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 10 inches  
Leak Detection: Visual

Tank Num: 058  
Container Num: D-27  
Year Installed: 1982  
Tank Capacity: 00105000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Groundwater Monitoring Well

Tank Num: 059  
Container Num: D-28  
Year Installed: 1982  
Tank Capacity: 00105000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Groundwater Monitoring Well

Tank Num: 060  
Container Num: D-29  
Year Installed: 1971  
Tank Capacity: 00015000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 061  
Container Num: D-52  
Year Installed: 1982  
Tank Capacity: 00017000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 9 inches  
Leak Detection: Visual

Tank Num: 062  
Container Num: D-53  
Year Installed: 1982  
Tank Capacity: 00017000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 9 inches  
Leak Detection: Visual

Tank Num: 063  
Container Num: D-54  
Year Installed: 1982  
Tank Capacity: 00017000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 9 inches  
Leak Detection: Visual

Tank Num: 064  
Container Num: D-55  
Year Installed: 1982  
Tank Capacity: 00017000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 9 inches  
Leak Detection: Visual

Tank Num: 065  
Container Num: D-58  
Year Installed: 1982  
Tank Capacity: 00011000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 066  
Container Num: D-59  
Year Installed: 1982  
Tank Capacity: 00028000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Num: 067  
Container Num: T-108A  
Year Installed: 1974  
Tank Capacity: 00000650  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 068  
Container Num: T-108B  
Year Installed: 1974  
Tank Capacity: 00000650  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 22 inches  
Leak Detection: Visual

Tank Num: 069  
Container Num: T-2530  
Year Installed: 1974  
Tank Capacity: 00027500  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 12 inches  
Leak Detection: Visual

Tank Num: 070  
Container Num: D-400  
Year Installed: 1943  
Tank Capacity: 00009000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 10 inches  
Leak Detection: Visual

Tank Num: 071  
Container Num: D-400A  
Year Installed: 1974  
Tank Capacity: 00012000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 14 inches  
Leak Detection: Visual

Tank Num: 072  
Container Num: T-500  
Year Installed: 1976  
Tank Capacity: 01500000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 073  
Container Num: D-30A  
Year Installed: 1946

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Capacity: 00004800  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 074  
Container Num: D-505  
Year Installed: 1976  
Tank Capacity: 00003100  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 8 inches  
Leak Detection: Visual

Tank Num: 075  
Container Num: T-600  
Year Installed: 1976  
Tank Capacity: 00900000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 076  
Container Num: D-31  
Year Installed: 1946  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 077  
Container Num: D-32  
Year Installed: 1946  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 078  
Container Num: D-33  
Year Installed: 1946  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 079  
Container Num: D-34  
Year Installed: 1965  
Tank Capacity: 00002100  
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

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Construction: 622 inches  
Leak Detection: Visual

Tank Num: 080  
Container Num: D-35  
Year Installed: 1978  
Tank Capacity: 00000200  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 622 inches  
Leak Detection: Visual

Tank Num: 081  
Container Num: D-36  
Year Installed: 1982  
Tank Capacity: 00000600  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 082  
Container Num: D-36A  
Year Installed: 1981  
Tank Capacity: 00002800  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual, None

Tank Num: 083  
Container Num: D-36B  
Year Installed: 1974  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 084  
Container Num: D-37  
Year Installed: 1926  
Tank Capacity: 12600000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 9 inches  
Leak Detection: Visual

Tank Num: 085  
Container Num: D-38  
Year Installed: 1926  
Tank Capacity: 00325000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Num: 086  
Container Num: D-39  
Year Installed: 1926  
Tank Capacity: 00160000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 087  
Container Num: D-40  
Year Installed: 1956  
Tank Capacity: 00000200  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 088  
Container Num: D-41  
Year Installed: 1982  
Tank Capacity: 00000971  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: .25 inches  
Leak Detection: None

Tank Num: 089  
Container Num: D-42  
Year Installed: 1946  
Tank Capacity: 00000700  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 090  
Container Num: D-43  
Year Installed: 1961  
Tank Capacity: 00027000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 091  
Container Num: D-44  
Year Installed: 1974  
Tank Capacity: 00003500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 092  
Container Num: D-45  
Year Installed: 1984

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Capacity: 00002100  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 093  
Container Num: D-108  
Year Installed: 1982  
Tank Capacity: 00000060  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 094  
Container Num: D-286  
Year Installed: 1983  
Tank Capacity: 00003000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 095  
Container Num: D-290  
Year Installed: 1981  
Tank Capacity: 00000180  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 4 inches  
Leak Detection: Visual

Tank Num: 096  
Container Num: D-291  
Year Installed: 1981  
Tank Capacity: 00002500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 097  
Container Num: D-291A  
Year Installed: 1981  
Tank Capacity: 00000800  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 098  
Container Num: D-293  
Year Installed: 1981  
Tank Capacity: 00002000  
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

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 099  
Container Num: D-294  
Year Installed: 1984  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 100  
Container Num: D-295  
Year Installed: 1956  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 101  
Container Num: D-296  
Year Installed: 1956  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 102  
Container Num: D-474  
Year Installed: 1983  
Tank Capacity: 00000180  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 103  
Container Num: T-927  
Year Installed: 1973  
Tank Capacity: 00000650  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 104  
Container Num: D-988  
Year Installed: 1981  
Tank Capacity: 00001300  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Tank Num: 105  
Container Num: D-998  
Year Installed: 1957  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

Tank Num: 106  
Container Num: D-9453  
Year Installed: 1979  
Tank Capacity: 00008700  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: None

Tank Num: 107  
Container Num: D-51  
Year Installed: 1977  
Tank Capacity: 00000734  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 622 inches  
Leak Detection: None

Tank Num: 108  
Container Num: D-56  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor

Tank Num: 109  
Container Num: D-60  
Year Installed: 1954  
Tank Capacity: 00008400  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 1/2 inches  
Leak Detection: Visual

Tank Num: 110  
Container Num: D-61  
Year Installed: 1954  
Tank Capacity: 00006000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 1/2 inches  
Leak Detection: Visual

Tank Num: 111  
Container Num: D-62  
Year Installed: 1954

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Tank Capacity: 00006000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 1/2 inches  
Leak Detection: Visual

Tank Num: 112  
Container Num: D-63  
Year Installed: 1954  
Tank Capacity: 00013000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 1/2 inches  
Leak Detection: Visual

Tank Num: 113  
Container Num: D-64  
Year Installed: 1954  
Tank Capacity: 00011000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 622 inches  
Leak Detection: Visual

CHMIRS:

OES Incident Number: 01-0957  
OES notification: 02/15/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2001  
Agency: Chevron  
Incident Date: 2/15/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A mechanical failure caused a release to flare.  
  
OES Incident Number: 02-6088  
OES notification: 11/10/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2002  
Agency: Chevron  
Incident Date: 11/10/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Number of Injuries: 0  
Number of Fatalities: 0  
Description: Released during flaring, cause is under investigation.

OES Incident Number: 02-2532  
OES notification: 05/10/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2002  
Agency: Chevron  
Incident Date: 5/8/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Site Type:	Refinery
E Date:	Not reported
Substance:	Asbestos
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	50
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	While digging up an underground line, the material on the outside of the line was struck, this material appears to be asbestos.
OES Incident Number:	03-3166
OES notification:	06/20/2003
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	n\la
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	Chevron F.D.
Incident Date:	6/20/200312:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Unknown, under investigation, no threat to the public.
OES Incident Number:	01-5264
OES notification:	09/15/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Chevron Fire Dept.  
Incident Date: 9/15/200112:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Sour Gas  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unknown  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Description: A nuisance odor was detected, unknown which chemical was released.  
The cause has been mitigated but not identified.

OES Incident Number: 01-0415  
OES notification: 01/20/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Chevron Refinery  
Incident Date: 1/20/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

E Date:	Not reported
Substance:	Crude Oil
Quantity Released:	Not reported
BBLs:	3
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0.000000
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Unknown how it occurred. Some odor was detected and the spilled crude oil was located in the refinery.
OES Incident Number:	01-0359
OES notification:	01/17/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Comments:	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:	2001
Agency:	Chevron Co.
Incident Date:	1/17/2001 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0.000000
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	For an unknown reason NOX exceeding the RQ was released to the flare.
OES Incident Number:	03-1061
OES notification:	02/24/2003
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	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:	2003
Agency:	Chevron
Incident Date:	2/24/2003 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Sulfite
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	They were putting liquid sulfite into a tank and it emitted a

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

nuisance odor. There has been no release of the liquid sulfite. Per the caller, this is a nuisance odor only, there is no health concern, they do not anticipate any evacuations or sheltering in place.

OES Incident Number: 02-3109  
OES notification: 06/06/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2002  
Agency: Chevron  
Incident Date: 6/6/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Site Type:	Refinery
E Date:	Not reported
Substance:	SO2, SO3 and possible H2S
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	1
Number of Fatalities:	0
Description:	A combination of these substances were released during flaring activities. The flaring is a result of an operational upset. The fire department mentioned that one person was reportedly injured, unknown if this is a result of the release.
OES Incident Number:	00-5724
OES notification:	12/05/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2000  
Agency: Chevron Products Company  
Incident Date: 12/5/2000 12:00:00 AM  
Admin Agency: Not reported  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: Hydrogen Sulfide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: The release possibly occurred from a sour water tank. At least one community complaint has been received of a rotten egg odor.

OES Incident Number: 02-6752  
OES notification: 12/13/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Property Management: Not reported  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2002  
Agency: Chevron  
Incident Date: 12/6/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 16  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: \*\* Historical Release \*\* The amounts are preliminary numbers. The cause is under investigation, the release was to the flares.

OES Incident Number: 00-2327  
OES notification: 05/24/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2000  
Agency: Chevron USA  
Incident Date: 5/24/2000 12:00:00 AM  
Admin Agency: El Segundo Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	SO2, SO3, H2S
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	While starting up plant, flare burning off hydrocarbons
OES Incident Number:	00-1866
OES notification:	04/26/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2000  
Agency: Chevron Oil Co.  
Incident Date: 4/26/2000 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitrous Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: An unknown operational problem is causing excess amounts in flare.  
  
OES Incident Number: 00-3278  
OES notification: 07/23/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: Chevron Refinery  
Incident Date: 7/22/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Sulfur Dioxide  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Number of Fatalities: 0  
Description: A level location was lost, shutting the F106 & F206 furnaces down, resulting in increased flows of the above substances.

OES Incident Number: 05-6586  
OES notification: 11/14/2005  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Not reported  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: None  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2005  
Agency: Chevron  
Incident Date: 11/14/2005 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Site Type: Refinery  
E Date: Not reported  
Substance: Sulfur Dioxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Cause of release is under investigation.

OES Incident Number: 01-4896  
OES notification: 08/28/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Comments:	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:	Chevron Products Co. El Segundo
Incident Date:	8/28/2001 12:00:00 AM
Admin Agency:	Not reported
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	(SO2) Sulfur Dioxide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	Unk.
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	During start up of plant, a plume has been observed outside of the stack. No evacuations are anticipated.
OES Incident Number:	00-5815
OES notification:	12/08/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: Chevron Refinery-El Segundo  
Incident Date: 12/8/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX (nitrogen oxide)  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 10  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Description: The ammonia injection system on F1330 went down. System problem is ongoing, and is being repaired at this time.

OES Incident Number: 01-7254  
OES notification: 12/15/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2001  
Agency: Chevron  
Incident Date: 12/15/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

E Date:	Not reported
Substance:	NOX;;;
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	UNK
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	An alarm on the flare for unknown reason.
OES Incident Number:	01-4296
OES notification:	07/26/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	Chevron Fire Dept
Incident Date:	7/26/2001 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	Unknown
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Unknown what caused the released; it was discovered when the NOX alarm was activated in the control room. This may be an analyzer problem.
OES Incident Number:	01-7144
OES notification:	12/10/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: Chevrontexaco  
Incident Date: 12/7/200112:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX::  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unknown  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Description: There was an equipment malfunction on the B train, part of the cogeneration plant. (This is unrelated to any railway system.)

OES Incident Number: 02-4214  
OES notification: 08/03/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personnel # Of Decontaminated: Not reported  
Responding Agency Personnel # Of Injuries: Not reported  
Responding Agency Personnel # 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  
Comments: 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: 2002  
Agency: Chevron El Segundo  
Incident Date: 8/3/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

E Date:	Not reported
Substance:	Nitric Oxide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Cause of release is currently under investigation, and the amount has yet to be calculated.
OES Incident Number:	02-6994
OES notification:	12/23/2002
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Comments:	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:	2002
Agency:	Chevron
Incident Date:	12/23/2002 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	High fuel gas pressure in the yard caused this release.
OES Incident Number:	00-1766
OES notification:	04/18/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	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:	2000
Agency:	Chevron Oil Co.
Incident Date:	4/17/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitric Oxide
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	101
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	While charging containment vesel it flared.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

OES Incident Number: 01-0564  
OES notification: 01/27/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Chevron Oil Refinery  
Incident Date: 1/27/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unknown  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Unknown cause, but there was a possible release of NOX exceeding reportable quantities in a flare.

OES Incident Number: 02-4383  
OES notification: 08/13/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

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:	2002
Agency:	Chevron
Incident Date:	8/13/2002 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	A compressor shut down due to a coolant pipe failure.
OES Incident Number:	00-5639
OES notification:	12/01/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: Chevron Refinery-El Segundo  
Incident Date: 12/1/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: Hydrogen leak  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A possible ruperture in the line has caused the release. Location and amount of release is being investigated at this time.  
  
OES Incident Number: 01-4271

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

OES notification: 07/25/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2001  
Agency: Chevron Fire Dept.  
Incident Date: 7/25/200112:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nox  
Quantity Released: Not reported  
BBLs: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	Unknown
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Unknown
OES Incident Number:	03-5535
OES notification:	10/25/2003
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

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: 2003  
Agency: Chevron  
Incident Date: 10/25/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: Unknown  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Odors are coming from the atmospheric storage tank of sour water service. Unknown what the product is.

OES Incident Number: 03-5738  
OES notification: 11/05/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2003  
Agency: Chevron  
Incident Date: 11/5/200312:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A furnace stack has caused the release.  
  
OES Incident Number: 02-1784  
OES notification: 04/01/2002  
OES Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2002  
Agency: Chevron  
Incident Date: 4/1/200212:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: An equipment failure caused the release.

OES Incident Number: 01-0072  
OES notification: 01/04/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	Chevron
Incident Date:	1/4/2001 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	Unknown
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Unknown for certain how it occurred, possibly due to equipment failure.
OES Incident Number:	00-2997
OES notification:	07/05/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: Chevron  
Incident Date: 7/4/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitrogen Oxide  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Furnace stack #F1330, released the substance  
  
OES Incident Number: 00-2321  
OES notification: 05/24/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

<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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	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:	2000
Agency:	Chevron USA
Incident Date:	5/24/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitrous Oxide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Hydrocarbon backup is continuing to cause flare.

OES Incident Number: 00-1303  
OES notification: 03/19/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2000  
Agency: Chevron Oil Co.  
Incident Date: 3/19/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Ammonia  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: Unk  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 1  
Number of Fatalities: 0  
Description: A leak occurred on top of rail car as it was being loaded. One employees was transported to hospital.

OES Incident Number: 03-0300  
OES notification: 01/16/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Comments:	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:	2003
Agency:	Chevron Texaco
Incident Date:	1/16/200312:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Sour Gas
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	20
Number of Injuries:	0
Number of Fatalities:	0
Description:	An unknown type of sour gas has been released, cause and source are under investigation. Onsite employees have voluntarily evacuated as a precautionary measure.
OES Incident Number:	02-1573
OES notification:	03/22/2002
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

<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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	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:	2002
Agency:	Chevron
Incident Date:	3/22/2002 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: The facility received a NOX alarm. This may be related to an equipment malfunction last night.

OES Incident Number: 02-1393  
OES notification: 03/14/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2002
Agency:	Chevron El Segundo
Incident Date:	3/14/2002 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Unk.
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	RP received an odor complaint from a citizen. RP advises it is very windy, they do not have any releases , or upsets that would have produced this odor, unknown source of this odor.
OES Incident Number:	00-6027
OES notification:	12/18/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2000  
Agency: Chevron Oil Refinery  
Incident Date: 12/18/2000 12:00:00 AM  
Admin Agency: Not reported  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Unknown amount but they expect the reportable quantity was exceeded.  
The cause is under investigation however it has corrected itself.  
There was a flaring on equipment #F960.  
  
OES Incident Number: 02-6087  
OES notification: 11/09/2002  
OES Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2002  
Agency: Chevron Oil  
Incident Date: 11/9/200212:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	24 hour accumulation exceeded.
OES Incident Number:	00-3414
OES notification:	07/31/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	N/A
Containment:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	Chevron
Incident Date:	7/31/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitric Oxide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	12
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Press release devise #V4531 lifted, causing venting through flare #F950.
OES Incident Number:	00-5426
OES notification:	11/18/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: 2000  
Agency: Chevron  
Incident Date: 11/18/2000 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A gasket failed on a compressor and caused release.  
  
OES Incident Number: 00-5429  
OES notification: 11/18/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

<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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	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:	Chevron Refinery
Incident Date:	11/18/2000 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitric Oxide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Pounds: 0  
 Liters: 0  
 Ounces: 0  
 Pints: 0  
 Quarts: 0  
 Sheen: 0  
 Tons: 0  
 Unknown: 0  
 Evacuations: 0  
 Number of Injuries: 0  
 Number of Fatalities: 0  
 Description: A compressor shut down and this caused the release. The plant is the FCC, Flare #F309.

OES Incident Number: 03-1618  
 OES notification: 03/25/2003  
 OES Date: Not reported  
 OES Time: Not reported  
 Incident Date: 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  
 Special Studies 1: Not reported  
 Special Studies 2: Not reported  
 Special Studies 3: Not reported  
 Special Studies 4: Not reported  
 Special Studies 5: Not reported  
 Special Studies 6: 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  
 Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	Chevron El Segundo Refinery
Incident Date:	3/25/2003 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitric Oxide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Possible plugged line.
OES Incident Number:	03-4067
OES notification:	08/12/2003
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	None
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	Chevron
Incident Date:	8/12/200312:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitric Oxide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Cause is under investigation at this time.
OES Incident Number:	01-0637
OES notification:	01/30/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: Chevron Oil Refinery  
Incident Date: 1/30/200112:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unk  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: They rec'd alarm from a furnace, F309. May be a release of substance over reportable quantity.

OES Incident Number: 01-0488  
OES notification: 01/24/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
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

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Chevron Refinery  
Incident Date: 1/24/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unknown  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Compressors overheated and shut down, causing flaring.

OES Incident Number: 01-4255  
OES notification: 07/24/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Chevron  
Incident Date: 7/24/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: H2S Fuel Gas Mix  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unknown  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: There were level problems with a fuel gas mix drum, causing the release.  
  
OES Incident Number: 00-5526  
OES notification: 11/25/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	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:	2000
Agency:	Chevron Oil Co.
Incident Date:	11/25/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitric Oxide
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: There was a release that exceeded reportable levels, unknown cause at this time.

OES Incident Number: 02-1803  
OES notification: 04/01/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Date/Time: Not reported  
Year: 2002  
Agency: Chevron  
Incident Date: 4/1/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Isomax flares, caused an alarm, under investigation, no threat to the public.

OES Incident Number: 03-0979  
OES notification: 02/20/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Comments:	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:	2003
Agency:	Chevron
Incident Date:	2/20/2003 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Sulfur Dioxide
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Caller reports plumeing out of the stack causing this release. Minimal release at this time, no impact to community at this time, the caller will update this report should it impact the surrounding community.
OES Incident Number:	01-2727
OES notification:	05/11/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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:	2001
Agency:	Chevron
Incident Date:	5/11/2001 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Refinery
E Date:	Not reported
Substance:	Petroleum Naphtha
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: UNK  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A flange leak on piping is causing the release.

OES Incident Number: 03-0553  
OES notification: 01/29/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Other: Not reported  
Date/Time: Not reported  
Year: 2003  
Agency: Chevron  
Incident Date: 1/28/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: They have a new furnace and they are trying to start it up and they have reached their NOX allowance for a 24 hour period.

OES Incident Number: 03-0971  
OES notification: 02/19/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: 2003  
Agency: Chevron  
Incident Date: 2/19/200312:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Power problems have caused the alarms to go off, but there may not be a release.  
  
OES Incident Number: 03-0973  
OES notification: 02/20/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	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:	2003
Agency:	Chevron
Incident Date:	2/20/200312:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	An alarm sounded due to the power outages, not sure if there was an actual release.
OES Incident Number:	03-1000
OES notification:	02/20/2003
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Other: Not reported  
Date/Time: Not reported  
Year: 2003  
Agency: Chevron  
Incident Date: 2/20/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: This is a 24 hour follow-up on a power outage on 2/19/03 caused an alarm to sound the alarm has reset.

OES Incident Number: 03-6062  
OES notification: 11/22/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agency Personnel # Of Decontaminated: Not reported  
Responding Agency Personnel # Of Injuries: Not reported  
Responding Agency Personnel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: 2003  
Agency: Chevron El Segundo  
Incident Date: 11/22/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Odors of Sour Water  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Outside complaints have been received from Manhattan Beach of a sour odor, they believe the sour water tank is the source.  
  
OES Incident Number: 97-4723  
OES notification: 11/26/1997  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: NO  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 1997  
Agency: CHEVRON  
Incident Date: 11/26/1997 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: HYDROCARBONS  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	POWER OUTAGE CAUSED COMPRESSOR TO VENT
OES Incident Number:	01-1815
OES notification:	03/27/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Date/Time: Not reported  
Year: 2001  
Agency: Chevron  
Incident Date: 3/27/200112:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: There was a high NOX alarm for unknown reason.

OES Incident Number: 02-5507  
OES notification: 10/11/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: 2002  
Agency: Chevron  
Incident Date: 10/11/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Upset from SRU unit #70, the affected flare is on equipment #F-309, located at the FCC plant.

OES Incident Number: 03-1197  
OES notification: 03/03/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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:	2003
Agency:	Chevron
Incident Date:	3/3/200312:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	DMDS
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: This was released within a tank, it is a nuisance odor only. It will be a nuisance odor until it is pumped to another tank.

OES Incident Number: 02-4276  
OES notification: 08/07/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Year: 2002  
Agency: NRC  
Incident Date: 5/14/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: MOSC F038 Waste  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 3  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: \*\*\* Historical Report \*\*\* Via NRC report, the caller reported release of MOSC (F038 Waste) from hose connection. Clean up is complete. The caller stated during review clerical error was discovered.

OES Incident Number: 00-2057  
OES notification: 05/09/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Comments:	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:	2000
Agency:	Chevron Oil Co.
Incident Date:	5/9/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Light Gasoline
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	unk
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Reporting party is unsure of cause of leak at this time. They are shutting down this unit to check and there is a possibility of a release of H2S and benzine. The light gasoline is vaporizing before it hits the ground.
OES Incident Number:	01-7419
OES notification:	12/24/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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:	Chevron
Incident Date:	12/24/2001 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX;;;
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unknown  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: They lost power at the Isomax facility, unknown release quantities at this time

OES Incident Number: 02-1048  
OES notification: 02/23/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2002  
Agency: Chevron Refinery  
Incident Date: 2/22/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Fuel Gas  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 160  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Exceeded the 3 hour average H2S in the fuel gas (160PPM)

OES Incident Number: 02-1050  
OES notification: 02/23/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: 2002  
Agency: Chevron El Segundo  
Incident Date: 2/23/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Processed gas  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Leak on an exchanger caused this release to the flare. NO impact to employees.  
  
OES Incident Number: 02-1549  
OES notification: 03/21/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2002  
Agency: Chevron  
Incident Date: 3/21/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A compressor shut down for unknown reason, releasing the nitric oxide.  
Not reported

OES Incident Number: 01-0930  
OES notification: 02/14/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Chevron  
Incident Date: 2/14/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: Crude Oil/Vapor  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: unk  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A roof on storage tank collapsed and vapors for the crude oil are in area. The oil is contained in the storage tank.

OES Incident Number: 01-7393  
OES notification: 12/22/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: 2001  
Agency: Chevron  
Incident Date: 12/21/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: DEA;;;  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: DEA filters ruptured disk blew out, most of it went to an impound.  
  
OES Incident Number: 00-4320  
OES notification: 09/22/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2000  
Agency: Chevron-El Segundo  
Incident Date: 9/22/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: 99% Sulfuric Acid  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 1000  
Liters: 0  
Ounces: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A pipeline sprung a leak releasing the material.

OES Incident Number: 01-0542  
OES notification: 01/26/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Year: 2001  
Agency: Chevron Products Co El Segundo  
Incident Date: 1/26/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 10  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: The compressor #K951 shut down due to a mechanical problem, causing the release.

OES Incident Number: 01-0672  
OES notification: 02/01/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agency Personnel # Of Decontaminated: Not reported  
Responding Agency Personnel # Of Injuries: Not reported  
Responding Agency Personnel # 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Chevron Refinery  
Incident Date: 2/1/200112:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unknown  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Released from a flare during a problem in the plant.

OES Incident Number: 01-1044  
OES notification: 02/20/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2001  
Agency: Chevron  
Incident Date: 2/20/200112:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A compressor failed and caused NOX to be flared.

OES Incident Number: 00-5513  
OES notification: 11/24/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2000  
Agency: Chevron

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Incident Date:	11/24/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitric Oxide
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	An unknown amount was released but they believe it may have exceeded the 10 pound quantity. The release was the result of a compressor shut down with a plugged discharge line, this diverted the nitric oxide to the flare. The compressor is shut down, they are cleaning with discharge line with hot water and steam. They anticipate this will go on for a few hours.
OES Incident Number:	03-1143
OES notification:	02/27/2003
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: 2003  
Agency: Chevron  
Incident Date: 2/27/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: An ammonia quill plugged on a furnace, causing the release.  
  
OES Incident Number: 03-1731  
OES notification: 03/31/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2003  
Agency: Chevron  
Incident Date: 3/31/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: NOX alarm received from the flare, however they do not believe a release has occurred.

OES Incident Number: 00-2508  
OES notification: 06/06/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Date/Time: Not reported  
Year: 2000  
Agency: Chevron Refinery  
Incident Date: 6/5/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 10  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A problem on the water seal has caused the leak.

OES Incident Number: 01-1316  
OES notification: 03/05/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: Chevron El Segundo  
Incident Date: 3/5/200112:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 10  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: The Furnace 1330 is being brought down for maintenance work, has resulted in exceeding the allowed limits.

OES Incident Number: 03-3088  
OES notification: 06/17/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: not applicable  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2003  
Agency: Chevron  
Incident Date: 6/17/200312:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: Sulfur Dioxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Caller reports one of their stack's is plumbing, it is unknown at this time if they have exceeded the reportable quantity.

OES Incident Number: 02-6038  
OES notification: 11/08/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Year: 2002  
Agency: Chevron Oil  
Incident Date: 11/8/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Plant upset, under investigation.

OES Incident Number: 01-4645  
OES notification: 08/15/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agency Personnel # Of Decontaminated: Not reported  
Responding Agency Personnel # Of Injuries: Not reported  
Responding Agency Personnel # 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Comments:	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:	Chevron El Segundo
Incident Date:	8/15/2001 12:00:00 AM
Admin Agency:	Los Angeles County Fire Prevention
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	Unknown
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Lost Compressor K203 which caused the 3 hour average of the NOX to be exceeded, compressor is back on-line.
OES Incident Number:	03-0822
OES notification:	02/12/2003
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2003  
Agency: Chevron  
Incident Date: 2/12/200312:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Operators reported alarm sounding for released exceeding reportable quantity amounts. Cause is under investigation.

OES Incident Number: 03-3086  
OES notification: 06/17/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: None applicable  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Agency: Chevron  
Incident Date: 6/17/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: Nuisance Odor  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Employee called in report of smelling the odor from a feed tank at the refinery.

OES Incident Number: 01-1775  
OES notification: 03/25/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agency Personnel # Of Decontaminated: Not reported  
Responding Agency Personnel # Of Injuries: Not reported  
Responding Agency Personnel # 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

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  
Comments: 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: Chevron Refinery  
Incident Date: 3/25/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 10  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: At 0248 hrs., a NOX alarm sounded for F2500, due to a spike in the flow.  
  
OES Incident Number: 01-6597  
OES notification: 11/14/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2001  
Agency: Chevron  
Incident Date: 11/14/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide;;;  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Sheen: 0  
Tons: 0  
Unknown: unk  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: An high NOX alarm went off in control room for unknown reason.

OES Incident Number: 00-3231  
OES notification: 07/19/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: Chevron Refinery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Incident Date: 7/15/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Mechanical failure caused the release.

OES Incident Number: 00-4018  
OES notification: 09/07/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

CA/DOT/PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2000  
Agency: Chevron Oil Co.  
Incident Date: 9/7/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Ammonia  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Ammonia injection system failed and was replaced.

OES Incident Number: 9010159  
OES notification: Not reported  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 19-MAR-90  
**Date Completed: 19-MAR-90**  
Property Use: 767  
Agency Id Number: 19065  
Agency Incident Number: UNKNOWN  
Time Notified: 1337  
Time Completed: 1415  
Surrounding Area: 400  
Estimated Temperature: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Property Management: Not reported  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: N  
Resp Agency Personel # Of Decontaminated: 0  
Responding Agency Personel # Of Injuries: 5  
Responding Agency Personel # Of Fatalities: 0  
Others Number Of Decontaminated: 0  
Others Number Of Injuries: 0  
Others Number Of Fatalities: 0  
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: JAMES O'BRIEN  
Report Date: 19-MAR-90  
Comments: N  
Facility Telephone: 213 322-4311  
Waterway Involved: Not reported  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Not reported  
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: Not reported  
Admin Agency: Not reported  
Amount: Not reported  
Contained: Not reported  
Site Type: Not reported  
E Date: 28-MAY-91  
Substance: Not reported  
Quantity Released: Not reported  
BBLS: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported  
Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Not reported
OES Incident Number:	01-0741
OES notification:	02/04/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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:	Chevron Refinery El Segundo
Incident Date:	2/4/200112:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitrogen Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Due to the heat of the day, this has created some unforeseen issues.

OES Incident Number: 00-5417  
OES notification: 11/17/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Report Date:	Not reported
Comments:	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:	Chevron Refinery
Incident Date:	11/17/2000 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	nitric oxide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Possibly exceeded the nitric oxide release to flare. It is intermittent at this time.
OES Incident Number:	00-5422
OES notification:	11/18/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	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:	2000
Agency:	Chevron USA
Incident Date:	11/18/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitrous Oxide
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Number of Fatalities: 0  
Description: An unknown problem with compressor caused release.

OES Incident Number: 03-1150  
OES notification: 02/27/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: Chevron  
Incident Date: 2/27/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

E Date: Not reported  
Substance: Crude oil  
Quantity Released: Not reported  
BBLs: 10  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A leaking roof tank caused the release.

OES Incident Number: 02-1068  
OES notification: 02/25/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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:	2002
Agency:	Chevron
Incident Date:	2/25/2002 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Released due to unknown reasons.
OES Incident Number:	02-1002
OES notification:	02/21/2002
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Special Studies 5:	Not reported
Special Studies 6:	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
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	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:	2002
Agency:	Chevron
Incident Date:	2/21/200212:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	The NOX alarm sounded when the 15 minute average was exceeded, cause is under investigation.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

OES Incident Number: 03-4414  
OES notification: 08/27/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2003  
Agency: Chevron Refinery, El Segundo  
Incident Date: 8/27/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Separator Sludge  
Quantity Released: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

BBLs:	15	
Cups:	0	
CUFT:	0	
Gallons:	0.000000	
Grams:	0	
Pounds:	0	
Liters:	0	
Ounces:	0	
Pints:	0	
Quarts:	0	
Sheen:	0	
Tons:	0	
Unknown:	0	
Evacuations:	0	
Number of Injuries:	0	
Number of Fatalities:	0	
Description:	Released when a tank overflowed. The release went into the separator.	
OES Incident Number:	01-5341	
OES notification:	09/20/2001	
OES Date:	Not reported	
OES Time:	Not reported	
Incident Date:	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	
Special Studies 1:	Not reported	
Special Studies 2:	Not reported	
Special Studies 3:	Not reported	
Special Studies 4:	Not reported	
Special Studies 5:	Not reported	
Special Studies 6:	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	
Comments:	Not reported	
Facility Telephone:	Not reported	
Waterway Involved:	No	
Waterway:	Not reported	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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: Chevron  
Incident Date: 9/20/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Unknown, NOX alarm at 01:52 sounding.

OES Incident Number: 07-2048  
OES notification: 04/01/2007  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Resp Agency Personnel # Of Decontaminated: Not reported  
Responding Agency Personnel # Of Injuries: Not reported  
Responding Agency Personnel # 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Not reported  
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: 2007  
Agency: Chevron  
Incident Date: 4/1/2007 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Non Release  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Caller states a fire occurred in a coker furnace. Caller states the fire was contained to the unit with no-outside exposure. Caller states the fire has been put out. Caller states the cause of the fire is under investigation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

OES Incident Number: 01-1899  
OES notification: 03/31/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2001  
Agency: Chevron Refinery El Segundo  
Incident Date: 3/31/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: sour water  
Quantity Released: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

BBLS: 1  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A butterfly valve on a Rain for Rent tank released the product for unknown reasons.

OES Incident Number: 02-1381  
OES notification: 03/13/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

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:	2002
Agency:	Chevron
Incident Date:	2/23/2002 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Hydrogen Sulfide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	1
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Released from a compressor due to an equipment malfunction.
OES Incident Number:	00-5576
OES notification:	11/28/2000
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2000  
Agency: Chevron  
Incident Date: 11/28/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A power outage occurred at the plant for 10-15 minutes, unknown if a reportable amount was released to the flare during the power outage.  
  
OES Incident Number: 01-0903

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

OES notification:	02/13/2001	
OES Date:	Not reported	
OES Time:	Not reported	
Incident Date:	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	
Special Studies 1:	Not reported	
Special Studies 2:	Not reported	
Special Studies 3:	Not reported	
Special Studies 4:	Not reported	
Special Studies 5:	Not reported	
Special Studies 6:	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	
Comments:	Not reported	
Facility Telephone:	Not reported	
Waterway Involved:	No	
Waterway:	Not reported	
Spill Site:	Not reported	
Cleanup By:	Responsible Party	
Containment:	Not reported	
What Happened:	Not reported	
Type:	Not reported	
Measure:	Not reported	
Other:	Not reported	
Date/Time:	Not reported	
Year:	2001	
Agency:	Chevron Oil Refinery	
Incident Date:	2/13/200112:00:00 AM	
Admin Agency:	El Segundo Fire Department	
Amount:	Not reported	
Contained:	Yes	
Site Type:	Refinery	
E Date:	Not reported	
Substance:	NOX	
Quantity Released:	Not reported	
BBLs:	0	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unknown  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: The cause is under investigation but the release went to a flare and is under control at this time.

OES Incident Number: 01-4393  
OES notification: 07/31/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Spill Site:	Not reported
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	Chevron
Incident Date:	7/31/2001 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	Unknown
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Unknown how the release occurred. It was detected by an alarm.
OES Incident Number:	01-6962
OES notification:	12/02/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: 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: 2001  
Agency: Chevron  
Incident Date: 12/2/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX;;;  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: UNK  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: A high NOX alarm on unit F309 for unknown reason.  
  
OES Incident Number: 02-0383  
OES notification: 01/20/2002  
OES Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2002  
Agency: Chevron  
Incident Date: 1/20/200212:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: DEA  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: There has been a release of DEA and a release to the flare.

OES Incident Number: 02-0603  
OES notification: 01/31/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Reporting Party  
Containment: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2002
Agency:	Chevron
Incident Date:	1/31/2002 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Equipment was shut down which caused an exceeded RQ alarm and a release to the flare.
OES Incident Number:	03-2161
OES notification:	04/24/2003
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Responding Agency Personnel # 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  
Comments: 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: 2003  
Agency: Chevron  
Incident Date: 4/24/2003 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Reportable quantity has been exceeded but unknown exact amount released.  
  
OES Incident Number: 01-5061  
OES notification: 09/05/2001  
OES Date: Not reported  
OES Time: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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:	Chevron Refinery
Incident Date:	9/5/200112:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Refinery
E Date:	Not reported
Substance:	Nitric Oxide
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Unknown reason for this release, which is under investigation at this time. The release lasted for about 5 mins.

OES Incident Number: 9009808  
OES notification: Not reported  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 19-JAN-90  
**Date Completed: 21-JAN-90**  
Property Use: 767  
Agency Id Number: 19065  
Agency Incident Number: 00138  
Time Notified: 644  
Time Completed: 759  
Surrounding Area: 400  
Estimated Temperature: 50  
Property Management: P  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: N  
Resp Agncy Personel # Of Decontaminated: 0  
Responding Agency Personel # Of Injuries: 0  
Responding Agency Personel # Of Fatalities: 0  
Others Number Of Decontaminated: 0  
Others Number Of Injuries: 0  
Others Number Of Fatalities: 0  
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: CARL M. NESSEL #60360  
Report Date: 21-JAN-90  
Comments: Not reported  
Facility Telephone: 213 322-4311  
Waterway Involved: Not reported  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Not reported  
Containment: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	25-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLs:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Not reported
OES Incident Number:	02-2292
OES notification:	04/26/2002
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Comments:	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:	2002
Agency:	Chevron
Incident Date:	4/26/200212:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Operators got an alarm in the control room, it is under investigation
OES Incident Number:	01-6845
OES notification:	11/26/2001
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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:	2001
Agency:	Chevron
Incident Date:	11/26/2001 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Unknown;,,;
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: Unknown  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: There is an odor, the caller believes it is coming from the refinery.

OES Incident Number: 01-6853  
OES notification: 11/27/2001  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Chevron  
Incident Date: 11/27/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Mercury;;;  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 1  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Mercury was spilled to the ground during the dismantling of the plant.  
Not reported

OES Incident Number: 02-0515  
OES notification: 01/26/2002  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Comments: 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: 2002  
Agency: Chevron  
Incident Date: 1/26/2002 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: Sour Water Product  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: There is an odor of a sour water product, no further details at this time, they are investigating.  
  
OES Incident Number: 00-5175  
OES notification: 11/05/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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: 2000  
Agency: Chevron Refinery  
Incident Date: 11/5/2000 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

1000434347

Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Released from Flare F950 while employees were shutting down the Naptha Hydro Treater (NHT) Plant.

OES Incident Number: 00-5181  
OES notification: 11/05/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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  
Comments: 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

CHEVRON USA EL SEGUNDO REF (Continued)

1000434347

Other: Not reported  
Date/Time: Not reported  
Year: 2000  
Agency: Chevron USA-El Segundo  
Incident Date: 11/5/200012:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: No  
Site Type: Refinery  
E Date: Not reported  
Substance: NOX (Nitric Oxide)  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: For unknown reason, system is bleeding off substance exceeding the reportable amount into the flare. As pressure builds, it releases to flare-same problem reported this morning Control # 00-5172.

OES Incident Number: 00-5703  
OES notification: 12/04/2000  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	Chevron
Incident Date:	12/4/200012:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	Sour Water
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	On the oil cuff, it went spent, causing the vapors to emit from the tank.
OES Incident Number:	02-5592
OES notification:	10/16/2002
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	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:	2002
Agency:	Chevron
Incident Date:	10/16/2002 12:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Refinery
E Date:	Not reported
Substance:	NOX
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Release was caused by a flare, no threat to the public, will call later with quantities.

Notify 65:

Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 90245-3641

LOS ANGELES CO. HMS:

Region: LA  
Facility Id: 010543-010476  
Facility Type: T0  
Facility Status: Closed  
Area: 2N  
Permit Number: 00001926T  
Permit Status: Closed

EMI:

Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 3077  
Reactive Organic Gases Tons/Yr: 2273  
Carbon Monoxide Emissions Tons/Yr: 1556  
NOX - Oxides of Nitrogen Tons/Yr: 4979  
SOX - Oxides of Sulphur Tons/Yr: 888  
Particulate Matter Tons/Yr: 612  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 507

Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
Air District Name: SC  
SIC Code: 2911  
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

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4006  
Reactive Organic Gases Tons/Yr: 2547  
Carbon Monoxide Emissions Tons/Yr: 2414  
NOX - Oxides of Nitrogen Tons/Yr: 3037  
SOX - Oxides of Sulphur Tons/Yr: 832  
Particulate Matter Tons/Yr: 718  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 613

Year: 1993  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 1364  
Reactive Organic Gases Tons/Yr: 940  
Carbon Monoxide Emissions Tons/Yr: 1763  
NOX - Oxides of Nitrogen Tons/Yr: 1948  
SOX - Oxides of Sulphur Tons/Yr: 1157  
Particulate Matter Tons/Yr: 601  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 500

Year: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 1364  
Reactive Organic Gases Tons/Yr: 940  
Carbon Monoxide Emissions Tons/Yr: 1763  
NOX - Oxides of Nitrogen Tons/Yr: 1948  
SOX - Oxides of Sulphur Tons/Yr: 1157  
Particulate Matter Tons/Yr: 601  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 500

Year: 1996  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 1292  
Reactive Organic Gases Tons/Yr: 797  
Carbon Monoxide Emissions Tons/Yr: 1816  
NOX - Oxides of Nitrogen Tons/Yr: 2904  
SOX - Oxides of Sulphur Tons/Yr: 1795

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Particulate Matter Tons/Yr:	875
Part. Matter 10 Micrometers & Smlr Tons/Yr:	742
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	800030
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:	1456
Reactive Organic Gases Tons/Yr:	1046
Carbon Monoxide Emissions Tons/Yr:	304
NOX - Oxides of Nitrogen Tons/Yr:	2026
SOX - Oxides of Sulphur Tons/Yr:	1006
Particulate Matter Tons/Yr:	531
Part. Matter 10 Micrometers & Smlr Tons/Yr:	472
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	800030
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:	1427
Reactive Organic Gases Tons/Yr:	1000
Carbon Monoxide Emissions Tons/Yr:	304
NOX - Oxides of Nitrogen Tons/Yr:	2026
SOX - Oxides of Sulphur Tons/Yr:	1006
Particulate Matter Tons/Yr:	531
Part. Matter 10 Micrometers & Smlr Tons/Yr:	472
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	800030
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:	1122
Reactive Organic Gases Tons/Yr:	806
Carbon Monoxide Emissions Tons/Yr:	1677
NOX - Oxides of Nitrogen Tons/Yr:	1650
SOX - Oxides of Sulphur Tons/Yr:	1208
Particulate Matter Tons/Yr:	277
Part. Matter 10 Micrometers & Smlr Tons/Yr:	227
Year:	2000
County Code:	19
Air Basin:	SC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Facility ID: 800030  
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: 1456  
Reactive Organic Gases Tons/Yr: 1046  
Carbon Monoxide Emissions Tons/Yr: 304  
NOX - Oxides of Nitrogen Tons/Yr: 2026  
SOX - Oxides of Sulphur Tons/Yr: 1006  
Particulate Matter Tons/Yr: 531  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 472

Year: 2001  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
Air District Name: SC  
SIC Code: 2911  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: A  
Total Organic Hydrocarbon Gases Tons/Yr: 1914  
Reactive Organic Gases Tons/Yr: 903  
Carbon Monoxide Emissions Tons/Yr: 2040  
NOX - Oxides of Nitrogen Tons/Yr: 1264  
SOX - Oxides of Sulphur Tons/Yr: 1401  
Particulate Matter Tons/Yr: 271  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 241

Year: 2002  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 1447  
Reactive Organic Gases Tons/Yr: 795  
Carbon Monoxide Emissions Tons/Yr: 3112  
NOX - Oxides of Nitrogen Tons/Yr: 1023  
SOX - Oxides of Sulphur Tons/Yr: 1179  
Particulate Matter Tons/Yr: 272  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 227

Year: 2003  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Total Organic Hydrocarbon Gases Tons/Yr: 1447  
Reactive Organic Gases Tons/Yr: 795  
Carbon Monoxide Emissions Tons/Yr: 3112  
NOX - Oxides of Nitrogen Tons/Yr: 1023  
SOX - Oxides of Sulphur Tons/Yr: 1179  
Particulate Matter Tons/Yr: 272  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 227

Year: 2004  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
Air District Name: SC  
SIC Code: 2911  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1446.761612  
Reactive Organic Gases Tons/Yr: 835.17  
Carbon Monoxide Emissions Tons/Yr: 3112.444  
NOX - Oxides of Nitrogen Tons/Yr: 1023.489875  
SOX - Oxides of Sulphur Tons/Yr: 1178.77366  
Particulate Matter Tons/Yr: 272.0253  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 226.67

Year: 2005  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 775.033191654  
Reactive Organic Gases Tons/Yr: 591.850155125068  
Carbon Monoxide Emissions Tons/Yr: 2063.00508  
NOX - Oxides of Nitrogen Tons/Yr: 1086.984655  
SOX - Oxides of Sulphur Tons/Yr: 1142.419256  
Particulate Matter Tons/Yr: 425.939496  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 324.9955768

Year: 2006  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 1252.906694071696859  
Reactive Organic Gases Tons/Yr: 587.717  
Carbon Monoxide Emissions Tons/Yr: 764.616  
NOX - Oxides of Nitrogen Tons/Yr: 902.272  
SOX - Oxides of Sulphur Tons/Yr: 388.133  
Particulate Matter Tons/Yr: 317.555

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Part. Matter 10 Micrometers & Smlr Tons/Yr: 255.236652

Year: 2007  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 1252.533531963679586  
Reactive Organic Gases Tons/Yr: 587.717  
Carbon Monoxide Emissions Tons/Yr: 764.616  
NOX - Oxides of Nitrogen Tons/Yr: 902.272  
SOX - Oxides of Sulphur Tons/Yr: 388.133  
Particulate Matter Tons/Yr: 317.555  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 255.244884

Year: 2008  
County Code: 19  
Air Basin: SC  
Facility ID: 148236  
Air District Name: SC  
SIC Code: 2813  
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: 13.23353023265574611  
Reactive Organic Gases Tons/Yr: 12.7620569863  
Carbon Monoxide Emissions Tons/Yr: 1.51  
NOX - Oxides of Nitrogen Tons/Yr: 11.9  
SOX - Oxides of Sulphur Tons/Yr: .85  
Particulate Matter Tons/Yr: 2.29  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2.1984

Year: 2008  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 1221.454923158905716  
Reactive Organic Gases Tons/Yr: 565.8451900573102  
Carbon Monoxide Emissions Tons/Yr: 827.66785  
NOX - Oxides of Nitrogen Tons/Yr: 849.8952  
SOX - Oxides of Sulphur Tons/Yr: 429.2083102072678519  
Particulate Matter Tons/Yr: 219.0764745  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 194.2049145

Year: 2009  
County Code: 19  
Air Basin: SC  
Facility ID: 148236

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Air District Name: SC  
SIC Code: 2813  
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: 18.728036908682  
Reactive Organic Gases Tons/Yr: 18.315049999999999  
Carbon Monoxide Emissions Tons/Yr: 6  
NOX - Oxides of Nitrogen Tons/Yr: 18.800000000000001  
SOX - Oxides of Sulphur Tons/Yr: 0.9200000000000004  
Particulate Matter Tons/Yr: 3.3803299999999998  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 3.24546942

Year: 2009  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 1269.5288038738499  
Reactive Organic Gases Tons/Yr: 557.42112674999998  
Carbon Monoxide Emissions Tons/Yr: 777.28177500000004  
NOX - Oxides of Nitrogen Tons/Yr: 641.22156500000006  
SOX - Oxides of Sulphur Tons/Yr: 385.42831150000001  
Particulate Matter Tons/Yr: 227.16121000000001  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 198.39462096

Year: 2010  
County Code: 19  
Air Basin: SC  
Facility ID: 800030  
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: 1272.52784617473  
Reactive Organic Gases Tons/Yr: 551.15283354889903  
Carbon Monoxide Emissions Tons/Yr: 1052.02243  
NOX - Oxides of Nitrogen Tons/Yr: 638.7482  
SOX - Oxides of Sulphur Tons/Yr: 424.50876  
Particulate Matter Tons/Yr: 211.61429000000001  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 186.8690819

Year: 2010  
County Code: 19  
Air Basin: SC  
Facility ID: 148236  
Air District Name: SC  
SIC Code: 2813  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 19.757056187975

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Reactive Organic Gases Tons/Yr: 19.473960000055001  
Carbon Monoxide Emissions Tons/Yr: 3.9054800000049998  
NOX - Oxides of Nitrogen Tons/Yr: 15.542150000029601  
SOX - Oxides of Sulphur Tons/Yr: 0.76710000000158896  
Particulate Matter Tons/Yr: 3.5258500000050002  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 3.3728820000048798

CA WDS:

Facility ID: Los Angeles River 192113001  
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: CA0000337 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 3106155976  
Facility Contact: Wayne Ishimoto  
Agency Name: CHEVRON U.S.A. INC.  
Agency Address: Not reported  
Agency City,St,Zip: 0  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Agency Type: Private  
SIC Code: 2911  
SIC Code 2: Not reported  
Primary Waste: Stormwater Runoff  
Primary Waste Type: Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.  
Secondary Waste: Process Waste (Waste produced as part of the industrial/manufacturing process)  
Secondary Waste Type: Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.  
Design Flow: 9  
Baseline Flow: 9  
Reclamation: No reclamation requirements associated with this facility.  
POTW: The facility is not a POTW.  
Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.  
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.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

2020 COR ACTION:

EPA ID: CAD008336901  
Region: 9  
Action: Not reported

HWP:

EPA Id: CAD008336901  
Cleanup Status: OPERATING PERMIT  
Latitude: 33.91641  
Longitude: -118.4185  
Facility Type: Permitted - Operating  
Facility Size: Small Storage  
Team: EDWARD NIETO  
Supervisor: MIKE ESHAGHIAN  
Site Code: 300032  
Assembly District: 62  
Senate District: 26  
Public Information Officer: Not reported

Activities:

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)

Event Description: Renewal - With Changes - PUBLIC COMMENT (END)  
Actual Date: 01/28/2007

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), LNDFFARMTK1 (GPRA Unit)  
Event Description: New Operating Permit - DRAFT PERMIT  
Actual Date: 04/14/1983

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: New Operating Permit - PUBLIC COMMENT (END)  
Actual Date: 08/14/1994

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: Renewal - With Changes - APPLICATION PART B RECEIVED  
Actual Date: 03/02/2004

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), LNDFFARMTK1 (GPRA Unit)  
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)  
Actual Date: 08/12/1988

EPA Id: CAD008336901

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	08/12/1983
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date:	04/11/2007
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	11/19/1980
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	11/08/1982
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date:	03/31/1983
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Actual Date:	02/09/1984
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description:	New Operating Permit - RESPONSE TO 1ST NOD RECEIVED
Actual Date:	10/12/1992
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date:	08/12/1983
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description:	New Operating Permit - 2ND NOTICE OF DEFICIENCY ISSUED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Actual Date: 06/11/1993

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)

Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)  
Actual Date: 05/17/2007

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)

Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)  
Actual Date: 05/02/1995

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)

Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)  
Actual Date: 05/02/2005

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)

Event Description: New Operating Permit - FINAL PERMIT  
Actual Date: 05/02/1995

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)

Event Description: New Operating Permit - PUBLIC COMMENT (END)  
Actual Date: 05/29/1983

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)

Event Description: New Operating Permit - CALL-IN LETTER ISSUED  
Actual Date: 05/07/1982

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: LANDFARM1 (GPRA Unit)

Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED  
Actual Date: 02/01/1990

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Event Description: Renewal - With Changes - DRAFT PERMIT RENEWAL  
Actual Date: 12/14/2006

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: LANDFARM1 (GPRA Unit)  
Event Description: New Operating Permit - APPLICATION PART B RECEIVED  
Actual Date: 08/21/1984

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: Renewal - With Changes - PUBLIC COMMENT (BEGIN)  
Actual Date: 12/14/2006

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: Renewal - With Changes - FINAL PART A & PART B RECEIVED  
Actual Date: 12/13/2006

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)  
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)  
Actual Date: 04/14/1983

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: New Operating Permit - FINAL PART A & PART B RECEIVED  
Actual Date: 04/20/1994

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: New Operating Permit - DRAFT PERMIT  
Actual Date: 06/30/1994

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: Renewal - With Changes - RESPONSE TO 3RD NOD RECEIVED  
Actual Date: 12/11/2006

EPA Id: CAD008336901  
Facility Type: Permitted - Operating

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Unit Names: LANDFARM1 (GPRA Unit)  
Event Description: New Operating Permit - APPLICATION PART A RECEIVED  
Actual Date: 11/19/1980

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)  
Actual Date: 06/30/1994

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: New Operating Permit - APPLICATION PART B RECEIVED  
Actual Date: 05/29/1992

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: New Operating Permit - 1ST NOTICE OF DEFICIENCY ISSUED  
Actual Date: 08/13/1992

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: CONTAIN1 (GPRA Unit), DEWATER1 (GPRA Unit), DEWATER2 (GPRA Unit), DRUMCRUSH1 (GPRA Unit), LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit), PHADJ1 (GPRA Unit), TANKSTR1 (GPRA Unit)  
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)  
Actual Date: 05/17/2017

Closure:  
EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)  
Event Description: Closure - ISSUE CLOSURE VERIFICATION  
Actual Date: 06/06/1996

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)  
Event Description: Closure - PUBLIC COMMENT (BEGIN)  
Actual Date: 08/13/1988

EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Unit Names: LANDFARM1 (GPRA Unit)  
Event Description: New Post-Closure Permit - 1ST NOTICE OF DEFICIENCY ISSUED  
Actual Date: 04/16/1992

EPA Id: CAD008336901  
Facility Type: Permitted - Operating

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - CALL-IN LETTER ISSUED
Actual Date:	10/15/1991
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	PHADJ1 (GPRA Unit)
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Actual Date:	05/30/1996
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	PHADJ1 (GPRA Unit)
Event Description:	Closure - CLOSURE PLAN APPROVED
Actual Date:	12/05/1989
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - FINAL POST-CLOSURE PERMIT (EFFECTIVE)
Actual Date:	05/02/1995
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)
Event Description:	Closure - CLOSURE PLAN RECEIVED
Actual Date:	02/19/1988
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - FINAL POST-CLOSURE PERMIT
Actual Date:	05/02/1995
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)
Event Description:	Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date:	05/30/1996
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - APPLICANT HOLDS PUBLIC MEETING
Actual Date:	08/13/1988
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - APPLICATION PART B RECEIVED
Actual Date:	02/21/1992
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - RESPONSE TO 1ST NOD RECEIVED
Actual Date:	05/20/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)
Event Description:	Closure - CLOSURE PLAN APPROVED
Actual Date:	12/05/1989
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit), LNDFARMTK1 (GPRA Unit)
Event Description:	Closure - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date:	09/14/1988
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - FINAL PART A & PART B RECEIVED
Actual Date:	04/20/1994
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	PHADJ1 (GPRA Unit)
Event Description:	Closure - CLOSURE PLAN RECEIVED
Actual Date:	05/27/1988
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - PUBLIC COMMENT (END)
Actual Date:	08/14/1994
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - DRAFT POST-CLOSURE PERMIT
Actual Date:	06/30/1994
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	06/30/1994
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - RESPONSE TO 2ND NOD RECEIVED
Actual Date:	09/09/1992
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating
Unit Names:	LANDFARM1 (GPRA Unit)
Event Description:	New Post-Closure Permit - FINAL POST-CLOSURE PERMIT (EXPIRES)
Actual Date:	04/29/2005
Alias:	
EPA Id:	CAD008336901
Facility Type:	Permitted - Operating

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

Alias Type: Envirostor ID Number  
Alias: 19290197  
  
EPA Id: CAD008336901  
Facility Type: Permitted - Operating  
Alias Type: Project Code (Site Code)  
Alias: 300032

Maintenance:

EPA Id: CAD008336901  
Title: Pledge letter from the facility for facility size and fee  
Document Type: Respond to Facility Inquiries  
Received Date: 04/04/2011

EPA Id: CAD008336901  
Title: no statistical evidence of a release  
Document Type: Letter from Facility  
Received Date: 02/23/2012

EPA Id: CAD008336901  
Title: Deed Restriction  
Document Type: Deed Restriction / LUC Issued  
Received Date: 08/07/1996

CA Financial Assurance 1:

EPA ID Number: CAD008336901  
Sudden Amount1: 2000000  
Non Sudden Amount1: 6000000  
Closure Mechanism: CG  
Closure Amount: 2971411  
Post Closure Mechanism: CG  
Post Closure Amount: Not reported  
Corrective Action Mechanism: Not reported  
Corrective Action Amount: Not reported  
Sudden Mechanism Type: CG  
Sudden Mechanism Amount: 1000000  
Non Sudden Mechanism Type: CG  
Non Sudden Mechanism Amount: Not reported  
O&M Mechanism Type: Not reported  
O&M Amount: Not reported

US FIN ASSUR:

EPA ID: CAD008336901  
Provider: CHEVRON U.S.A., INC.  
EPA region: 9  
County: LOS ANGELES  
Mechanism type: CORPORATE GUARANTEE  
Mechanism ID: Not reported  
Cost estimate: 16830017  
Face value: 13439000  
Effective date: 3/18/2011

EPA ID: CAD008336901  
Provider: CHEVRON U.S.A., INC.  
EPA region: 9

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA EL SEGUNDO REF (Continued)**

**1000434347**

County: LOS ANGELES  
Mechanism type: CORPORATE GUARANTEE  
Mechanism ID: Not reported  
Cost estimate: 2728719  
Face value: 13439000  
Effective date: 3/18/2011

EPA ID: CAD008336901  
Provider: CHEVRON U.S.A., INC.  
EPA region: 9  
County: LOS ANGELES  
Mechanism type: CORPORATE GUARANTEE  
Mechanism ID: Not reported  
Cost estimate: 6000000  
Face value: 13439000  
Effective date: 3/18/2011

EPA ID: CAD008336901  
Provider: CHEVRON  
EPA region: 9  
County: LOS ANGELES  
Mechanism type: FINANCIAL TEST  
Mechanism ID: FT0005  
Cost estimate: 2000000  
Face value: 2728719  
Effective date: 3/26/2008

**D46  
NE  
1/2-1  
0.565 mi.  
2984 ft.**

**324 W. EL SEGUNDO BLVD.  
EL SEGUNDO, CA 90245**

**Site 3 of 4 in cluster D**

**Toxic Pits S100925089  
CHMIRS N/A**

**Relative:  
Higher**

Toxic Pits:  
Region: 04  
Task #: 84004  
Owner: CHEVRON U.S.A., INC.  
1/2 Mi Limit: Y  
Num. of Pits: 17  
Cease Discharge Due: 03/31/91  
Cease Discharge Complete: 03/31/91  
Closure Due: 03/31/91  
**Closure Completed: 08/30/91**  
Status: CLOSED  
Hydro Geological Assessment Report Due: //  
Final Hydro Geological Assessment Review Completed: //

**Actual:  
129 ft.**

CHMIRS:  
OES Incident Number: '08-7156  
OES notification: 10/03/2008  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S100925089

Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Refinery
Cleanup By:	Not applicable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Lbs.
Other:	Not reported
Date/Time:	1250
Year:	2008
Agency:	Chevron
Incident Date:	10/2/2008
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Sulfur Dioxide
Quantity Released:	Unknown
BBLs:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S100925089**

Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	A piece of equipment broke down causing the flaring event which could have resulted in a possible sulfur dioxide exceedence..

**D47  
 NE  
 1/2-1  
 0.565 mi.  
 2984 ft.**

**324 WEST EL SEGUNDO  
 EL SEGUNDO, CA  
 Site 4 of 4 in cluster D**

**CHMIRS S105672424  
 ENVIROSTOR N/A**

**Relative:  
 Higher**

CHMIRS:  
 OES Incident Number: 01-4892  
 OES notification: 08/28/2001  
 OES Date: Not reported  
 OES Time: Not reported  
 Incident Date: 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  
 Special Studies 1: Not reported  
 Special Studies 2: Not reported  
 Special Studies 3: Not reported  
 Special Studies 4: Not reported  
 Special Studies 5: Not reported  
 Special Studies 6: Not reported

**Actual:  
 129 ft.**

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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S105672424

Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2001  
Agency: Chevron  
Incident Date: 8/28/2001 12:00:00 AM  
Admin Agency: El Segundo Fire Department  
Amount: Not reported  
Contained: Unknown  
Site Type: Refinery  
E Date: Not reported  
Substance: Nitric Oxide  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0.000000  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Caller received a high nox alarm in the control room. Cause is currently under investigation.

ENVIROSTOR:

Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Chatsworth  
Facility ID: 19290197  
Site Code: Not reported  
Assembly: 62  
Senate: 26  
Special Program: \* RCRA 3012 - Past Haz Waste Disp Inven Site  
Status: Refer: RCRA  
Status Date: 05/02/1989  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.90692  
Longitude: -118.4155

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S105672424

APN: 4138016007  
Past Use: NONE SPECIFIED  
Potential COC: \* HALOGENATED SOLVENTS, \* HYDROCARBON SOLVENTS, \* Metals - Other Inorganic Solid Waste, \* OTHER ORGANIC SOLIDS, \* OTHER STILL BOTTOM WASTE, \* OXYGENATED SOLVENTS, Asbestos Containing Materials (ACM, \* TANK BOTTOM WASTES, \* UNSPECIFIED ACID SOLUTION, \* UNSPECIFIED ALKALINE SOLUTIONS, \* UNSPECIFIED AQUEOUS SOLUTION, \* UNSPECIFIED SLUDGE WASTE, \* UNSPECIFIED SOLVENT MIXTURES, \* WASTE OIL & MIXED OIL, \* ORGANIC LIQUIDS (NONSOLVENTS) WITH HALOGENS, \* OTHER INORGANIC SOLID WASTE, \* OTHER SPENT CATALYST, \* POLYMERIC RESIN WASTE, \* UNSPECIFIED ORGANIC LIQUID MIXTURE, \* FCC WASTE, \* LIME SLUDGE, \* TETRAETHYL LEAD SLUDGE, Chromium VI, Cyanide (free  
Confirmed COC: \* HALOGENATED SOLVENTS, \* HYDROCARBON SOLVENTS, \* Metals - Other Inorganic Solid Waste, \* OTHER ORGANIC SOLIDS, \* OTHER STILL BOTTOM WASTE, \* OXYGENATED SOLVENTS, Asbestos Containing Materials (ACM, \* TANK BOTTOM WASTES, \* UNSPECIFIED ACID SOLUTION, \* UNSPECIFIED ALKALINE SOLUTIONS, \* UNSPECIFIED AQUEOUS SOLUTION, \* UNSPECIFIED SLUDGE WASTE, \* UNSPECIFIED SOLVENT MIXTURES, \* WASTE OIL & MIXED OIL, \* ORGANIC LIQUIDS (NONSOLVENTS) WITH HALOGENS, \* OTHER INORGANIC SOLID WASTE, \* OTHER SPENT CATALYST, \* POLYMERIC RESIN WASTE, \* UNSPECIFIED ORGANIC LIQUID MIXTURE, \* FCC WASTE, \* LIME SLUDGE, \* TETRAETHYL LEAD SLUDGE, Chromium VI, Cyanide (free, NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CHEVRON REFINERY, EL SEGUNDO  
Alias Type: Alternate Name  
Alias Name: CHEVRON USA INC, EL SEGUNDO SUPPLY SITE  
Alias Type: Alternate Name  
Alias Name: 4138016007  
Alias Type: APN  
Alias Name: CAD008336901  
Alias Type: EPA Identification Number  
Alias Name: 110000474433  
Alias Type: EPA (FRS #)  
Alias Name: 19290197  
Alias Type: Envirostor ID Number  
Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 09/26/1983  
Comments: FACILITY IDENTIFIED ID FROM ERRIS  
  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 04/27/1984  
Comments: Preliminary Assessment: Occasional citizen complaints: odor by migrating gases; effluents along the beach; natural seepage of oil along a fault below Santa Monica Bay. Facility is a petroleum refinery in operation since 1911. Incident (04/30/80): Letter in SCAQMD - release of light hydrocarbons to air. Enforcement History (04/30/81): Agreement letter to DHS - Five-year clean-up of 33 oily basins. Preliminary Assessment completed (RCRA 3012) and submitted to EPA.  
  
Future Area Name: Not reported  
Future Sub Area Name: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

(Continued)

S105672424

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

48  
 NE  
 1/2-1  
 0.751 mi.  
 3964 ft.

**SLIDE SYSTEMS, INC.**  
**140 STANDARD STREET**  
**EL SEGUNDO, CA 90245**

**LA Co. Site Mitigation**  
**ENF**  
**ENVIROSTOR**

**SLIC S103878776**  
**N/A**

**Relative:**  
**Higher**

SLIC:

**Actual:**  
**97 ft.**

Region: STATE  
**Facility Status: Completed - Case Closed**  
 Status Date: 10/27/2009  
 Global Id: SL2048K1704  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Lead Agency Case Number: Not reported  
 Latitude: 33.916166  
 Longitude: -118.413868  
 Case Type: Cleanup Program Site  
 Case Worker: ABL  
 Local Agency: Not reported  
 RB Case Number: 0665  
 File Location: Regional Board  
 Potential Media Affected: Indoor Air, Other Groundwater (uses other than drinking water), Soil, Soil Vapor  
 Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE)  
 Site History: The former Slide System facility is approximately 0.4 acres located in a mixed industrial, commercial area. The former Slide System is a former tenant. Site activities included precision metal stamping, and parts cleaning using a chlorinated solvent [tetrachloroethene (PCE)]. Precision metal stamping activities ceased in 2003, and the Site is currently occupied by a commercial laboratory. The responsible party, 140 Standard Street Partners, LLC (the Owner), has been carrying out site assessment under RWQCB oversight. Site assessment began in 1998. A Phase I Environmental Assessment was completed and reported on October 22, 1998, followed by a soil gas survey performed in May 1999. The results of these investigations determined subsurface release of PCE at the Site. Although the 1999 soil gas survey results outlined the lateral extent of soil contamination, the soil gas survey was limited to five feet in soil depth. At the request of the Regional Board, the Owner carried out additional site investigations including a deep soil vapor investigation performed in May 2007, an indoor air sampling at the Site on February 6, 2008, and a deep boring to complete vertical soil profile at the former source area in January 2009. Based on analytical data provided in 2007 and 2008 site investigations, the Office of Environmental Health and Hazard Assessment (OEHHA) evaluated health risks. OEHHA staff provided results of evaluation to Regional Board in two comment letters (OEHHA, April 2007 and May 2008). In summary, OEHHA concurred that the cancer risk for commercial workers due to site-related contamination to occupants of the building at 140 Standard Street is 2x10<sup>-5</sup>, which is within the risk management range (1 in 10,000 to 1 in 1,000,000) for commercial use; and, the non-carcinogenic hazards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLIDE SYSTEMS, INC. (Continued)**

**S103878776**

are not significant. In terms of risk and hazard for future residential land use, OEHHA estimates that rebuilding the site as is would result in cancer risk and non-cancer hazard elevated above the acceptable levels. At this risk level, a deed restriction on land use is required. Depth to the first ground water beneath the property is approximately 92 to 97 feet bgs. The groundwater contaminant plume delineation is limited to data collected from three on-site monitoring wells, among which MW-1 is located at the northwest corner, and wells MW-2 and MW-3 are located at the southwest corner next to the property lines. Trends for PCE show decreasing concentrations in onsite wells, and concurrent increases in concentrations of the daughter products in downgradient well. Concentrations over time demonstrate increasing concentrations of PCE and TCE in MW-2, indicating upgradient PCE/TCE groundwater plume migrating onto the Site. The water quality data provide evidence that conditions are favorable for natural attenuation and breakdown of chlorinated solvents is occurring, due to the presence of fuel hydrocarbons in the regional Chevron El Segundo Refinery fuel plume. Remediation: Not required. Information supporting a no-further-action (NFA) determination is based on the following: 1. As of January 2009, the Owner completed the lateral and vertical delineation in soil, and demonstrates that no residual PCE (nor any other VOCs) is present in soil at the former source area, based on analytical results of soil samples collected from 6.5 ft to 90 ft bgs. Depth to groundwater underlying the site is approximately 92 feet bgs. Therefore, no known PCE soil contamination has been left in-place exceeding acceptable Interim Site Assessment & Cleanup Guidebook limits. 2. A Conceptual Site Model (CSM) was completed and submitted to RWQCB. Human health risk assessments were submitted and concurred by OEHHA. The indoor air for inhalation for commercial workers is considered the only completed pathway, and the health risk is within an acceptable risk management range (10-5). OEHHA also conducted a follow-up review on 2008 indoor air samp

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

SLIC REG 4:

Region: 4  
Facility Status: Site Assessment  
SLIC: 0665  
Substance: VOCs  
Staff: JW

LA Co. Site Mitigation:

Facility ID: Not reported  
Site ID: SD0010766  
Jurisdiction: County  
Case ID: RO0001007  
Abated: No  
Assigned To: Richard Clark  
Entered Date: 05/11/2004

ENF:

Region: 4  
Facility Id: 261421  
Agency Name: Slide Systems, Inc.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLIDE SYSTEMS, INC. (Continued)**

**S103878776**

Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.9170289
Place Longitude:	-118.41474
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:	SLIC
# Of Programs:	1
WDID:	4SLIC665
Reg Measure Id:	170286
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SLIDE SYSTEMS, INC. (Continued)**

**S103878776**

Direction/Voice:	Passive
Enforcement Id(EID):	246084
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	05/22/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/22/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4SLIC665
Description:	13267 letter sent 5/22/02 requesting financial information on RP's inability to conduct further site assessment work due to lack of funds.
Program:	SLIC
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
Region:	4
Facility Id:	261421
Agency Name:	Slide Systems, Inc.
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.9170289
Place Longitude:	-118.41474
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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SLIDE SYSTEMS, INC. (Continued)**

**S103878776**

Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
# Of Programs:	1
WDID:	4SLIC665
Reg Measure Id:	170286
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):	247249
Region:	4
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	02/27/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/27/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4SLIC665
Description:	NOV sent 2/27/02 for overdue groundwater monitoring well installation report.
Program:	SLIC
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

**SLIDE SYSTEMS, INC. (Continued)**

**S103878776**

ENVIROSTOR:

Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Chatsworth  
Facility ID: 19340277  
Site Code: Not reported  
Assembly: 62  
Senate: 26  
Special Program: Not reported  
Status: Refer: Other Agency  
Status Date: 08/31/1995  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.91749  
Longitude: -118.4143  
APN: 4135008003  
Past Use: NONE SPECIFIED  
Potential COC: \* OTHER ORGANIC SOLIDS  
Confirmed COC: \* OTHER ORGANIC SOLIDS, NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: BUSSCO ENGR (1980-)  
Alias Type: Alternate Name  
Alias Name: SSI  
Alias Type: Alternate Name  
Alias Name: 4135008003  
Alias Type: APN  
Alias Name: CAD070212972  
Alias Type: EPA Identification Number  
Alias Name: 110002656108  
Alias Type: EPA (FRS #)  
Alias Name: 19340277  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 01/05/1982  
Comments: FACILITY IDENTIFIED LA CHAM OF COMM BUS DIR 1958 DECORATING,  
METALIZING ON PLASTIC

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 11/09/1988  
Comments: SITE SCREENING DONE DHS WILL TAKE NFA DUE TO LOW GROUND WATER TARGETS  
AND ROUTE CHARACTERISTICS VALUE, LOW WASTE QUANTITY AND LOW SURFACE  
WATER TARGET VALUE

Completed Area Name: PROJECT WIDE

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SLIDE SYSTEMS, INC. (Continued)**

**S103878776**

Completed Sub Area Name: Not reported  
 Completed Document Type: Site Screening  
 Completed Date: 01/26/1988  
 Comments: SITE SCREENING DONE REASSESSMENT OF PA DONE BY E&E RECOMMENDS NFA UNDR CERCLA DUE TO THE FACT THAT THE SITE WILL NOT SCORE SUFFICIENTLY FOR NPL RANKING

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

**49**  
**ENE**  
**1/2-1**  
**0.933 mi.**  
**4924 ft.**

**STANDARD OIL CO.**  
**EL SEGUNDO, CA**

**ENVIROSTOR S107737403**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**100 ft.**

ENVIROSTOR:  
 Site Type: Military Evaluation  
 Site Type Detailed: FUDS  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Not reported  
 Supervisor: Douglas Bautista  
 Division Branch: Cleanup Cypress  
 Facility ID: 80001144  
 Site Code: Not reported  
 Assembly: 62  
 Senate: 26  
 Special Program: Not reported  
 Status: Inactive - Needs Evaluation  
 Status Date: 07/01/2005  
 Restricted Use: NO  
 Site Mgmt. Req.: NONE SPECIFIED  
 Funding: DERA  
 Latitude: 33.91527  
 Longitude: -118.4097  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: CA99799FA47300  
 Alias Type: Federal Facility ID  
 Alias Name: J09CA7447  
 Alias Type: INPR  
 Alias Name: 80001144  
 Alias Type: Envirostor ID Number

Completed Info:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STANDARD OIL CO. (Continued)**

**S107737403**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inventory Project Report (INPR)  
Completed Date: 07/01/1999  
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  
Schedule Revised Date: Not reported

Count: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EL SEGUNDO	S109821599	EL SEGUNDO CITY DUMP	W END WALUNT AVE BWT ACACIA &		SWF/LF
EL SEGUNDO	S111075899	EL SEGUNDO CITY DUMP	W OF WEST WALNUT AVENUE AND HI		SWF/LF
LOS ANGELES COUNTY	M300006082	VALERO ENERGY CORP	WILMINGTON REFINERY		US MINES
MANHATTAN BEACH	1003878813	MOBIL REFINERY MANHATTAN BEACH	MANHATTAN BCH	90266	CERC-NFRAP
MANHATTAN BEACH	1012176042	SOUTHERN CALIFORNIA GAS COMPANY	301 VISTA DEL MAR	90266	RCRA NonGen / NLR

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

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

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 09/27/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

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: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 07/08/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 09/27/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
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: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
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: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Quarterly

### **RCRA-SQG: RCRA - Small Quantity Generators**

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

Date of Government Version: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

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

Date of Government Version: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### **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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/23/2013
	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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

### **LUCIS: Land Use Control Information System**

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 08/15/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/02/2013
	Data Release Frequency: Varies

## ***Federal ERNS list***

### **ERNS: Emergency Response Notification System**

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 10/01/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

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

### **RESPONSE: State Response Sites**

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

Date of Government Version: 08/05/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 08/27/2013	Last EDR Contact: 09/05/2013
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Quarterly

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/05/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 08/27/2013	Last EDR Contact: 09/05/2013
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/18/2013
	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: 05/20/2013	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 05/21/2013	Telephone: 916-341-6320
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 08/19/2013
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Quarterly

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

### LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

### LUST REG 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 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

# 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 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 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	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 07/26/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/26/2013	Telephone: see region list
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 09/17/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Quarterly

## LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

## SLIC: Statewide SLIC Cases

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: 07/26/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/26/2013	Telephone: 866-480-1028
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 09/17/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Varies

## SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	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	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

## SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Varies

## SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

## SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Semi-Annually

## SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 09/11/2007	Telephone: 858-467-2980
Date Made Active in Reports: 09/28/2007	Last EDR Contact: 08/08/2011
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Annually

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

## 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: 09/28/2012	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 08/02/2013
Number of Days to Update: 162	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/24/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 07/24/2013
Number of Days to Update: 59	Next Scheduled EDR Contact: 11/11/2013
	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: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-8677
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Semi-Annually

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

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

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/26/2013	Source: SWRCB
Date Data Arrived at EDR: 07/26/2013	Telephone: 916-341-5851
Date Made Active in Reports: 08/20/2013	Last EDR Contact: 09/17/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities  
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 07/03/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/24/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/11/2013
	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: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/24/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Semi-Annually

## 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: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 07/24/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-9424
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Semi-Annually

## 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: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 08/02/2013
Number of Days to Update: 156	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/19/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### 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: 08/05/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 08/27/2013	Last EDR Contact: 09/05/2013
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Quarterly

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/01/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/24/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/25/2013	Telephone: 202-566-2777
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 09/24/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Semi-Annually

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

#### 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/26/2013  
Next Scheduled EDR Contact: 11/11/2013  
Data Release Frequency: No Update Planned

## WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 04/10/2000  
Date Made Active in Reports: 05/10/2000  
Number of Days to Update: 30

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/17/2013  
Date Data Arrived at EDR: 06/17/2013  
Date Made Active in Reports: 08/16/2013  
Number of Days to Update: 60

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 04/26/2013  
Date Data Arrived at EDR: 04/26/2013  
Date Made Active in Reports: 05/16/2013  
Number of Days to Update: 20

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 10/01/2013  
Next Scheduled EDR Contact: 12/02/2013  
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: 07/31/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Varies

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

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/04/2013  
Date Data Arrived at EDR: 03/12/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 59

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/04/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Quarterly

## HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005  
Date Data Arrived at EDR: 08/03/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/23/2009  
Next Scheduled EDR Contact: 05/25/2009  
Data Release Frequency: No Update Planned

## SCH: School Property Evaluation Program

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

Date of Government Version: 08/05/2013  
Date Data Arrived at EDR: 08/05/2013  
Date Made Active in Reports: 08/27/2013  
Number of Days to Update: 22

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 09/05/2013  
Next Scheduled EDR Contact: 11/18/2013  
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.

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

## CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 04/03/2013  
Date Made Active in Reports: 05/14/2013  
Number of Days to Update: 41

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Varies

## US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
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

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

### CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 09/03/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/16/2013
	Data Release Frequency: Annually

### HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Local Land Records**

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/25/2013	Telephone: 202-564-6023
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/14/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/17/2013	Telephone: 916-323-3400
Date Made Active in Reports: 08/21/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/10/2013  
Date Data Arrived at EDR: 06/11/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 71

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 09/11/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 55

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/01/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Annually

### CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 03/12/2013  
Date Data Arrived at EDR: 05/01/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 55

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 08/02/2013  
Next Scheduled EDR Contact: 11/11/2013  
Data Release Frequency: Varies

### LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 07/26/2013  
Date Data Arrived at EDR: 07/26/2013  
Date Made Active in Reports: 08/26/2013  
Number of Days to Update: 31

Source: State Water Quality Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/17/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 07/26/2013  
Date Data Arrived at EDR: 07/26/2013  
Date Made Active in Reports: 08/26/2013  
Number of Days to Update: 31

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 09/17/2013  
Next Scheduled EDR Contact: 12/30/2013  
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

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: 07/11/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/08/2013	Telephone: (415) 495-8895
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 10/02/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/05/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/18/2013
	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: 07/19/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Semi-Annually

### 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: 12/31/2011	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/26/2013	Telephone: 202-528-4285
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 01/15/2013  
Date Made Active in Reports: 03/13/2013  
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Varies

## 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: 12/18/2012  
Date Data Arrived at EDR: 03/13/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/13/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Annually

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2013  
Date Data Arrived at EDR: 04/18/2013  
Date Made Active in Reports: 05/10/2013  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/05/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Semi-Annually

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/31/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 44

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/30/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Annually

## 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: 12/31/2006  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 64

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/24/2013  
Next Scheduled EDR Contact: 01/08/2014  
Data Release Frequency: Every 4 Years

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/24/2013  
Next Scheduled EDR Contact: 11/11/2013  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/01/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 10/28/2013
	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: 11/01/2012	Source: EPA
Date Data Arrived at EDR: 01/16/2013	Telephone: 202-566-0500
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/17/2013
Number of Days to Update: 114	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Annually

## 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: 03/14/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/20/2013	Telephone: 301-415-7169
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 112	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/09/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2013	Telephone: 202-343-9775
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/12/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/21/2013
	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: 03/08/2013	Source: EPA
Date Data Arrived at EDR: 03/21/2013	Telephone: (415) 947-8000
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 09/11/2013
Number of Days to Update: 111	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Quarterly

## 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012  
Date Data Arrived at EDR: 05/25/2012  
Date Made Active in Reports: 07/10/2012  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/24/2013  
Next Scheduled EDR Contact: 11/11/2013  
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: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 04/19/2013  
Number of Days to Update: 52

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 08/26/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Biennially

### CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/20/2013  
Date Data Arrived at EDR: 05/21/2013  
Date Made Active in Reports: 06/12/2013  
Number of Days to Update: 22

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 08/19/2013  
Next Scheduled EDR Contact: 12/02/2013  
Data Release Frequency: Quarterly

### UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 03/05/2013  
Date Data Arrived at EDR: 03/19/2013  
Date Made Active in Reports: 03/27/2013  
Number of Days to Update: 8

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 09/17/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/05/2013	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 07/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 10/01/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 01/13/2014
	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 [CAL SITES]. 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

## 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: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 09/23/2013
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: No Update Planned

## DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 12/11/2012	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 12/12/2012	Telephone: 916-327-4498
Date Made Active in Reports: 01/04/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/24/2012
	Data Release Frequency: Annually

## WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/30/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/13/2014
	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: 04/26/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/29/2013	Telephone: 916-445-9379
Date Made Active in Reports: 05/16/2013	Last EDR Contact: 08/08/2013
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/11/2013
	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.

Date of Government Version: 12/31/2012	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/16/2013	Telephone: 916-255-1136
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 07/16/2013
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Annually

## EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2010	Source: California Air Resources Board
Date Data Arrived at EDR: 06/25/2013	Telephone: 916-322-2990
Date Made Active in Reports: 08/22/2013	Last EDR Contact: 09/27/2013
Number of Days to Update: 58	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Varies

## 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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/19/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Semi-Annually

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/01/2013
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/04/2013
	Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/15/2013	Telephone: 202-566-1917
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/27/2013
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Quarterly

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 08/02/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/17/2013  
Date Data Arrived at EDR: 06/17/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 65

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/02/2013  
Date Data Arrived at EDR: 06/13/2013  
Date Made Active in Reports: 07/24/2013  
Number of Days to Update: 41

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 09/11/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Varies

## COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 07/19/2013  
Next Scheduled EDR Contact: 10/28/2013  
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: 08/17/2010  
Date Data Arrived at EDR: 01/03/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 09/13/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Varies

## 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: 07/15/2013  
Date Data Arrived at EDR: 07/16/2013  
Date Made Active in Reports: 08/12/2013  
Number of Days to Update: 27

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 07/16/2013  
Next Scheduled EDR Contact: 10/28/2013  
Data Release Frequency: Quarterly

## HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/28/2013  
Date Data Arrived at EDR: 05/29/2013  
Date Made Active in Reports: 06/27/2013  
Number of Days to Update: 29

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 08/27/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Quarterly

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/21/2013  
Date Data Arrived at EDR: 05/22/2013  
Date Made Active in Reports: 06/27/2013  
Number of Days to Update: 36

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 08/15/2013  
Next Scheduled EDR Contact: 12/02/2013  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing Financial Assurance information

Date of Government Version: 06/30/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 08/27/2013  
Number of Days to Update: 19

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 08/26/2013  
Next Scheduled EDR Contact: 11/11/2013  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013  
Date Data Arrived at EDR: 02/14/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 13

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 09/24/2013  
Next Scheduled EDR Contact: 10/21/2013  
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: 04/05/2011  
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

## 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: 11/11/2011  
Date Data Arrived at EDR: 05/18/2012  
Date Made Active in Reports: 05/25/2012  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 08/16/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Varies

## FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 07/19/2013  
Next Scheduled EDR Contact: 10/28/2013  
Data Release Frequency: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 07/03/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Quarterly

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 08/22/2013
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

## 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: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/30/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/30/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

## 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: 06/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2013	Telephone: 617-520-3000
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 08/07/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 07/25/2013  
Date Data Arrived at EDR: 07/26/2013  
Date Made Active in Reports: 08/09/2013  
Number of Days to Update: 14

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/25/2013  
Date Data Arrived at EDR: 07/26/2013  
Date Made Active in Reports: 08/20/2013  
Number of Days to Update: 25

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA Facility List

Cupa Facility List

Date of Government Version: 06/20/2013  
Date Data Arrived at EDR: 06/21/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 61

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 09/10/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA Facility Listing

Cupa facility list.

Date of Government Version: 08/01/2013  
Date Data Arrived at EDR: 08/02/2013  
Date Made Active in Reports: 08/22/2013  
Number of Days to Update: 20

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 07/26/2013  
Next Scheduled EDR Contact: 10/28/2013  
Data Release Frequency: Varies

### CALVERAS COUNTY:

#### CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 06/30/2013  
Date Data Arrived at EDR: 07/24/2013  
Date Made Active in Reports: 08/09/2013  
Number of Days to Update: 16

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Quarterly

### COLUSA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa facility list.

Date of Government Version: 06/20/2013  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 08/09/2013  
Number of Days to Update: 39

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Varies

## CONTRA COSTA COUNTY:

### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/10/2013  
Date Data Arrived at EDR: 06/11/2013  
Date Made Active in Reports: 07/24/2013  
Number of Days to Update: 43

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 08/05/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

### CUPA Facility List

Cupa Facility list

Date of Government Version: 01/09/2013  
Date Data Arrived at EDR: 01/10/2013  
Date Made Active in Reports: 02/25/2013  
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 09/20/2013  
Next Scheduled EDR Contact: 08/19/2013  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 05/20/2013  
Date Data Arrived at EDR: 05/21/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 35

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 08/05/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/30/2013  
Date Data Arrived at EDR: 07/16/2013  
Date Made Active in Reports: 07/24/2013  
Number of Days to Update: 8

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 07/15/2013  
Next Scheduled EDR Contact: 10/28/2013  
Data Release Frequency: Semi-Annually

## HUMBOLDT COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

CUPA facility list.

Date of Government Version: 08/09/2013  
Date Data Arrived at EDR: 08/09/2013  
Date Made Active in Reports: 08/22/2013  
Number of Days to Update: 13

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 08/09/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## IMPERIAL COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 07/26/2013  
Date Data Arrived at EDR: 08/09/2013  
Date Made Active in Reports: 08/22/2013  
Number of Days to Update: 13

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 08/08/2013  
Next Scheduled EDR Contact: 11/11/2013  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 06/26/2012  
Date Data Arrived at EDR: 06/27/2012  
Date Made Active in Reports: 08/17/2012  
Number of Days to Update: 51

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 09/10/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010  
Date Data Arrived at EDR: 09/01/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 29

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 06/20/2013  
Date Data Arrived at EDR: 06/24/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 58

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## LAKE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2013  
Date Data Arrived at EDR: 01/25/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 33

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 07/18/2013  
Next Scheduled EDR Contact: 11/04/2013  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 09/23/2013  
Next Scheduled EDR Contact: 01/08/2014  
Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/28/2013  
Date Data Arrived at EDR: 06/17/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 65

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 07/15/2013  
Next Scheduled EDR Contact: 10/28/2013  
Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/22/2013  
Date Data Arrived at EDR: 07/22/2013  
Date Made Active in Reports: 08/26/2013  
Number of Days to Update: 35

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 07/22/2013  
Next Scheduled EDR Contact: 11/04/2013  
Data Release Frequency: Varies

### City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009  
Date Data Arrived at EDR: 03/10/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 29

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 07/17/2013  
Next Scheduled EDR Contact: 11/04/2013  
Data Release Frequency: Varies

### Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/30/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 03/25/2013  
Number of Days to Update: 32

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 07/17/2013  
Next Scheduled EDR Contact: 11/04/2013  
Data Release Frequency: Annually

### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/2013  
Date Data Arrived at EDR: 08/01/2013  
Date Made Active in Reports: 08/27/2013  
Number of Days to Update: 26

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 07/18/2013  
Next Scheduled EDR Contact: 11/04/2013  
Data Release Frequency: Semi-Annually

## City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003  
Date Data Arrived at EDR: 10/23/2003  
Date Made Active in Reports: 11/26/2003  
Number of Days to Update: 34

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 07/26/2013  
Next Scheduled EDR Contact: 11/11/2013  
Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/15/2013  
Date Data Arrived at EDR: 07/18/2013  
Date Made Active in Reports: 08/20/2013  
Number of Days to Update: 33

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 07/15/2013  
Next Scheduled EDR Contact: 10/28/2013  
Data Release Frequency: Semi-Annually

## MADERA COUNTY:

### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 04/15/2013  
Date Data Arrived at EDR: 04/16/2013  
Date Made Active in Reports: 05/17/2013  
Number of Days to Update: 31

Source: Madera County Environmental Health  
Telephone: 559-675-7823  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/26/2012  
Date Data Arrived at EDR: 11/28/2012  
Date Made Active in Reports: 01/21/2013  
Number of Days to Update: 54

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 07/18/2013  
Next Scheduled EDR Contact: 10/21/2013  
Data Release Frequency: Semi-Annually

## MERCED COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 05/28/2013  
Date Data Arrived at EDR: 05/29/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 27

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## MONO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

### CUPA Facility List

Date of Government Version: 06/04/2013  
Date Data Arrived at EDR: 06/05/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 40

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/21/2013  
Date Data Arrived at EDR: 06/21/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 61

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## NAPA COUNTY:

### Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011  
Date Data Arrived at EDR: 12/06/2011  
Date Made Active in Reports: 02/07/2012  
Number of Days to Update: 63

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: No Update Planned

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008  
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 05/29/2013  
Date Data Arrived at EDR: 05/30/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 46

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 08/15/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/01/2013  
Date Data Arrived at EDR: 05/15/2013  
Date Made Active in Reports: 06/12/2013  
Number of Days to Update: 28

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Annually

## List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2013  
Date Data Arrived at EDR: 05/15/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 41

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Quarterly

## List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2013  
Date Data Arrived at EDR: 05/15/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 41

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/12/2013  
Date Data Arrived at EDR: 03/13/2013  
Date Made Active in Reports: 03/27/2013  
Number of Days to Update: 14

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 08/20/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/18/2013  
Date Data Arrived at EDR: 07/18/2013  
Date Made Active in Reports: 07/24/2013  
Number of Days to Update: 6

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/23/2013  
Next Scheduled EDR Contact: 01/08/2014  
Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/18/2013  
Date Data Arrived at EDR: 07/18/2013  
Date Made Active in Reports: 08/20/2013  
Number of Days to Update: 33

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/23/2013  
Next Scheduled EDR Contact: 01/08/2014  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/03/2013  
Date Data Arrived at EDR: 07/08/2013  
Date Made Active in Reports: 07/24/2013  
Number of Days to Update: 16

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 07/05/2013  
Next Scheduled EDR Contact: 10/21/2013  
Data Release Frequency: Quarterly

## Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/03/2013  
Date Data Arrived at EDR: 07/08/2013  
Date Made Active in Reports: 08/23/2013  
Number of Days to Update: 46

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 07/05/2013  
Next Scheduled EDR Contact: 10/21/2013  
Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/2013  
Date Data Arrived at EDR: 05/31/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 45

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 08/08/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/17/2012  
Date Data Arrived at EDR: 08/20/2012  
Date Made Active in Reports: 10/03/2012  
Number of Days to Update: 44

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 09/23/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Quarterly

### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012  
Date Data Arrived at EDR: 11/06/2012  
Date Made Active in Reports: 11/30/2012  
Number of Days to Update: 24

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 07/24/2013  
Next Scheduled EDR Contact: 11/11/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 06/15/2010	Telephone: 619-338-2371
Date Made Active in Reports: 07/09/2010	Last EDR Contact: 09/10/2013
Number of Days to Update: 24	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 08/07/2013
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Quarterly

### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010	Source: Department of Public Health
Date Data Arrived at EDR: 03/10/2011	Telephone: 415-252-3920
Date Made Active in Reports: 03/15/2011	Last EDR Contact: 08/07/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/18/2013	Source: Environmental Health Department
Date Data Arrived at EDR: 06/24/2013	Telephone: N/A
Date Made Active in Reports: 08/20/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 57	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/04/2013	Source: San Luis Obispo County Public Health Department
Date Data Arrived at EDR: 06/05/2013	Telephone: 805-781-5596
Date Made Active in Reports: 07/15/2013	Last EDR Contact: 08/22/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Varies

## SAN MATEO COUNTY:

### Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/2013  
Date Data Arrived at EDR: 07/05/2013  
Date Made Active in Reports: 08/23/2013  
Number of Days to Update: 49

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/13/2013  
Next Scheduled EDR Contact: 09/30/2013  
Data Release Frequency: Annually

## Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/17/2013  
Date Data Arrived at EDR: 06/18/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 09/23/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

### Cupa Facility List

Cupa facility list

Date of Government Version: 06/03/2013  
Date Data Arrived at EDR: 06/04/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 41

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Varies

### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 06/03/2013  
Date Data Arrived at EDR: 06/06/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 39

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Annually

### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2013  
Date Data Arrived at EDR: 05/17/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 39

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 08/08/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

CUPA Facility List  
CUPA facility listing.

Date of Government Version: 05/28/2013  
Date Data Arrived at EDR: 05/29/2013  
Date Made Active in Reports: 06/27/2013  
Number of Days to Update: 29

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## SHASTA COUNTY:

CUPA Facility List  
Cupa Facility List.

Date of Government Version: 06/17/2013  
Date Data Arrived at EDR: 06/18/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 64

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/17/2013  
Date Data Arrived at EDR: 06/20/2013  
Date Made Active in Reports: 08/12/2013  
Number of Days to Update: 53

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/17/2013  
Date Data Arrived at EDR: 06/20/2013  
Date Made Active in Reports: 08/20/2013  
Number of Days to Update: 61

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

Cupa Facility List  
Cupa Facility list

Date of Government Version: 07/05/2013  
Date Data Arrived at EDR: 07/05/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 47

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/02/2013	Source: Department of Health Services
Date Data Arrived at EDR: 07/05/2013	Telephone: 707-565-6565
Date Made Active in Reports: 08/12/2013	Last EDR Contact: 09/30/2013
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/10/2013	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 06/11/2013	Telephone: 530-822-7500
Date Made Active in Reports: 08/19/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Semi-Annually

## TUOLUMNE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 01/14/2013	Source: Division of Environmental Health
Date Data Arrived at EDR: 01/16/2013	Telephone: 209-533-5633
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 07/26/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

## VENTURA COUNTY:

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/26/2013	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 05/22/2013	Telephone: 805-654-2813
Date Made Active in Reports: 06/25/2013	Last EDR Contact: 08/19/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 07/03/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Annually

### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 08/19/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 05/28/2013	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 06/24/2013	Telephone: 805-654-2813
Date Made Active in Reports: 08/12/2013	Last EDR Contact: 07/30/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

## Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/28/2013	Source: Environmental Health Division
Date Data Arrived at EDR: 06/17/2013	Telephone: 805-654-2813
Date Made Active in Reports: 08/20/2013	Last EDR Contact: 09/16/2013
Number of Days to Update: 64	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/24/2013	Source: Yolo County Department of Health
Date Data Arrived at EDR: 06/26/2013	Telephone: 530-666-8646
Date Made Active in Reports: 08/20/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/01/2013	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/05/2013	Telephone: 530-749-7523
Date Made Active in Reports: 08/22/2013	Last EDR Contact: 07/31/2013
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/18/2013
	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: 05/20/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/21/2013	Telephone: 860-424-3375
Date Made Active in Reports: 06/27/2013	Last EDR Contact: 08/19/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 07/19/2013  
Next Scheduled EDR Contact: 10/28/2013  
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: 08/01/2013  
Date Data Arrived at EDR: 08/07/2013  
Date Made Active in Reports: 09/10/2013  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 07/24/2013  
Date Made Active in Reports: 08/19/2013  
Number of Days to Update: 26

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 07/18/2013  
Next Scheduled EDR Contact: 11/04/2013  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 06/21/2013  
Date Made Active in Reports: 08/05/2013  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/23/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 08/09/2013  
Date Made Active in Reports: 09/27/2013  
Number of Days to Update: 49

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **STREET AND ADDRESS INFORMATION**

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

NRG ENERGY INC.  
301 VISTA DEL MAR  
EL SEGUNDO, CA 90245

### **TARGET PROPERTY COORDINATES**

Latitude (North):	33.9099 - 33° 54' 35.64"
Longitude (West):	118.4246 - 118° 25' 28.56"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	368294.4
UTM Y (Meters):	3752885.2
Elevation:	18 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	33118-H4 VENICE, CA
Most Recent Revision:	1981

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

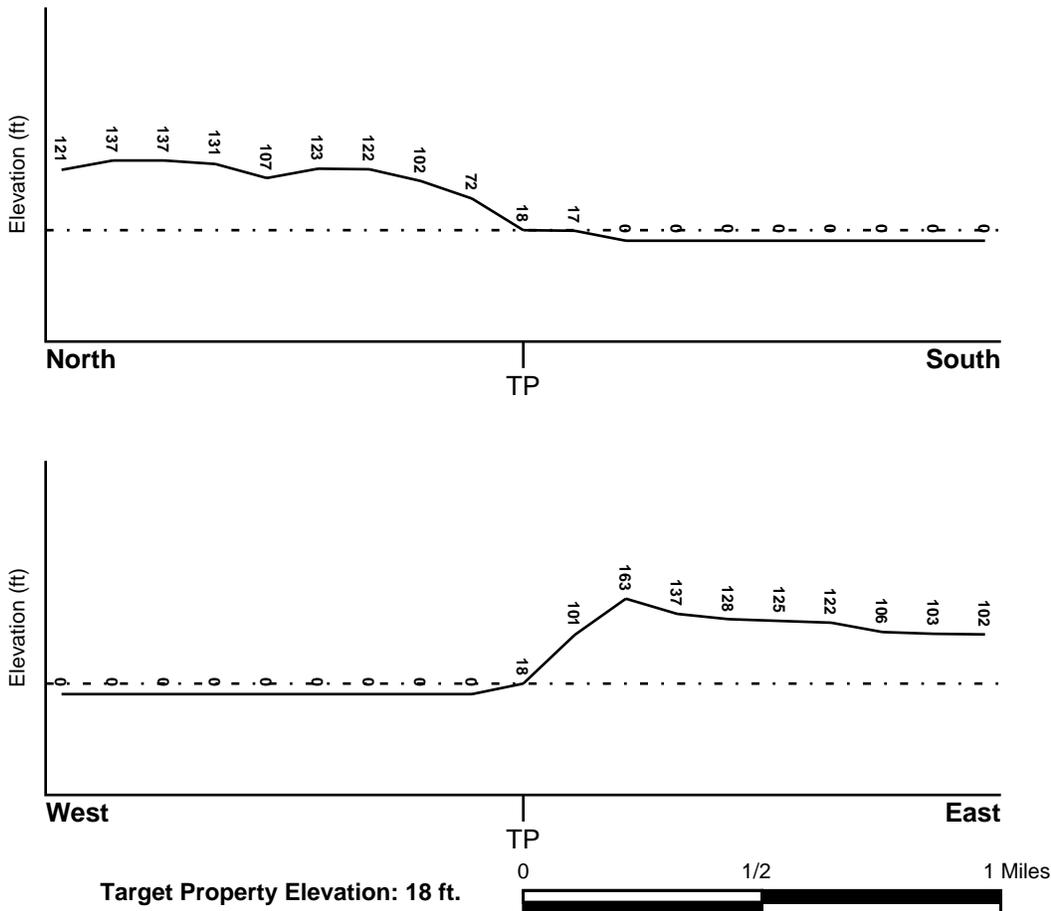
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

## 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>Target Property County</u> LOS ANGELES, CA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06037C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> VENICE	<u>NWI Electronic 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
Status:	Not found

## 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>
1	1/2 - 1 Mile NE	NW

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: DELHI

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 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	10 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10
2	10 inches	30 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10
3	30 inches	50 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10
4	50 inches	70 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10

### 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: coarse sand  
silt loam  
sandy loam  
gravelly - sand  
loamy sand  
clay

Surficial Soil Types: coarse sand  
silt loam  
sandy loam  
gravelly - sand  
loamy sand

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

clay

Shallow Soil Types:    fine sandy loam  
                               gravelly - loam  
                               sandy clay loam  
                               sandy clay

Deeper Soil Types:    coarse sand  
                               silty clay loam  
                               gravelly - fine sandy loam  
                               stratified  
                               gravelly - sandy loam  
                               weathered bedrock  
                               clay loam

**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>
No Wells Found		

**FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	CA1910040	1/2 - 1 Mile NE

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>
No Wells Found		

**OTHER STATE DATABASE INFORMATION**

**STATE OIL/GAS WELL INFORMATION**

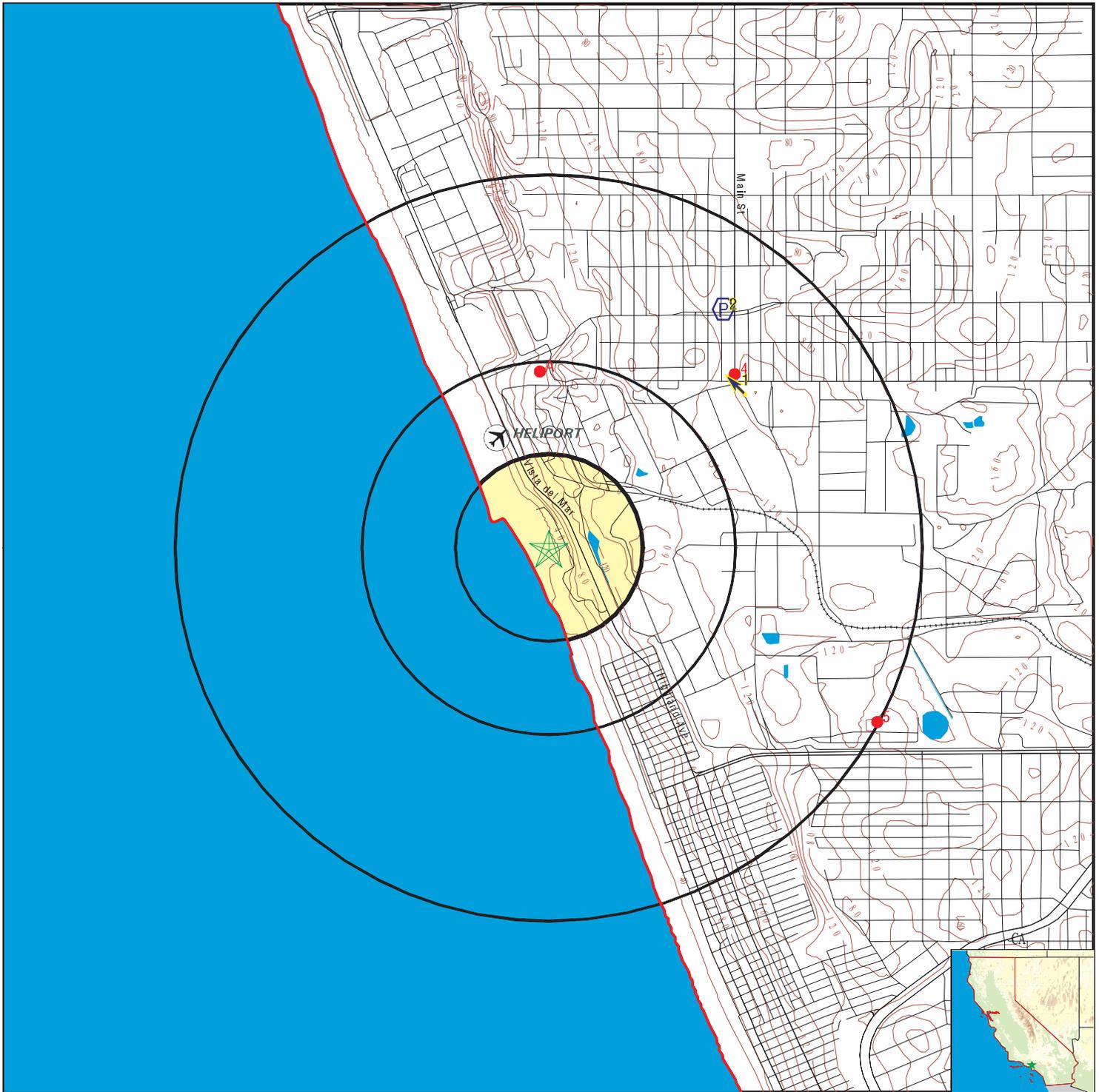
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CAOG9A000023983	1/4 - 1/2 Mile North

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	CAOG9A000023985	1/4 - 1/2 Mile North
A3	CAOG9A000023987	1/4 - 1/2 Mile North
4	CAOG9A000023978	1/2 - 1 Mile NE
5	CAOG9A000022796	1/2 - 1 Mile ESE

# PHYSICAL SETTING SOURCE MAP - 03746428.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- 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: NRG Energy Inc.  
 ADDRESS: 301 Vista Del Mar  
 El Segundo CA 90245  
 LAT/LONG: 33.9099 / 118.4246

CLIENT: ERM - West, Inc.  
 CONTACT: Kate Mitsch  
 INQUIRY #: 03746428.2r  
 DATE: October 02, 2013 4:31 pm



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**A1**  
**North**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG9A000023983**

Districtnu:	1	Apinumber:	03707203
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Cooper & Brain Inc.		
Countyname:	Los Angeles	Fieldname:	El Segundo
Areaname:	Any Area		
Section:	11		
Township:	03S	Range:	15W
Basemeridi:	SB	Elevation:	113.136
Locationde:	Not Reported		
Glat:	33.916747		
Glong:	-118.425023		
Gissourcec:	gps		
Comments:	23201069.ssf		
Leasename:	Title Insurance And Trust Co.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	AOG	Site id:	CAOG9A000023983

**A2**  
**North**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG9A000023985**

Districtnu:	1	Apinumber:	03707204
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Cooper & Brain Inc.		
Countyname:	Los Angeles	Fieldname:	El Segundo
Areaname:	Any Area		
Section:	11		
Township:	03S	Range:	15W
Basemeridi:	SB	Elevation:	115.979
Locationde:	Not Reported		
Glat:	33.916761		
Glong:	-118.425017		
Gissourcec:	gps		
Comments:	23201069.ssf		
Leasename:	Title Insurance And Trust Co.	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	AWD	Site id:	CAOG9A000023985

**A3**  
**North**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG9A000023987**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	03707205
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Cooper & Brain Inc.		
Countyname:	Los Angeles	Fieldname:	El Segundo
Areaname:	Any Area		
Section:	11		
Township:	03S	Range:	15W
Basemeridi:	SB	Elevation:	114.662
Locationde:	Not Reported		
Glat:	33.916775		
Glong:	-118.425006		
Gissourcec:	gps		
Comments:	23201069.ssf		
Leasename:	Title Insurance And Trust Co.	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000023987

**4  
NE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000023978**

Districtnu:	1	Apinumber:	03707202
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Oxy Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	El Segundo
Areaname:	Any Area		
Section:	11		
Township:	03S	Range:	15W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.916662		
Glong:	-118.415938		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	El Segundo Eh	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000023978

**5  
ESE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000022796**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	03721556
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Fieldname:	Any Field
Countyname:	Los Angeles	Range:	15W
Areaname:	Any Area	Elevation:	Not Reported
Section:	13		
Township:	03S		
Basemeridi:	SB	Wellnumber:	12
Locationde:	Not Reported	Hydraulica:	N
Glat:	33.903132	Spuddate:	12/30/1899
Glong:	-118.409289	Redrillfoo:	Not Reported
Gissourcec:	hud	Completion:	//
Comments:	Not Reported	Site id:	CAOG9A000022796
Leasename:	Refinery		
Epawell:	N		
Confidenti:	N		
Welldeptha:	Not Reported		
Abandonedd:	//		
Gissymbol:	PDH		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90245	88	1

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.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## 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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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 Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

**Appendix D**  
Historical Sources





**NRG Energy Inc.**

301 Vista Del Mar

El Segundo, CA 90245

Inquiry Number: 3746428.3

October 02, 2013

## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

10/02/13

**Site Name:**

NRG Energy Inc.  
301 Vista Del Mar  
El Segundo, CA 90245

**Client Name:**

ERM - West, Inc.  
2875 Michelle Drive  
Irvine, CA 92606



EDR Inquiry # 3746428.3

Contact: Kate Mitsch

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by ERM - West, 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:** NRG Energy Inc.  
**Address:** 301 Vista Del Mar  
**City, State, Zip:** El Segundo, CA 90245  
**Cross Street:**  
**P.O. #** NA  
**Project:** NA  
**Certification #** 697F-4832-BBF6



Sanborn® Library search results  
Certification # 697F-4832-BBF6

## 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™*

## Limited Permission To Make Copies

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

### Disclaimer - Copyright and Trademark notice

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

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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



**NRG Energy Inc.**

301 Vista Del Mar

El Segundo, CA 90245

Inquiry Number: 3746428.4

October 02, 2013

# EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

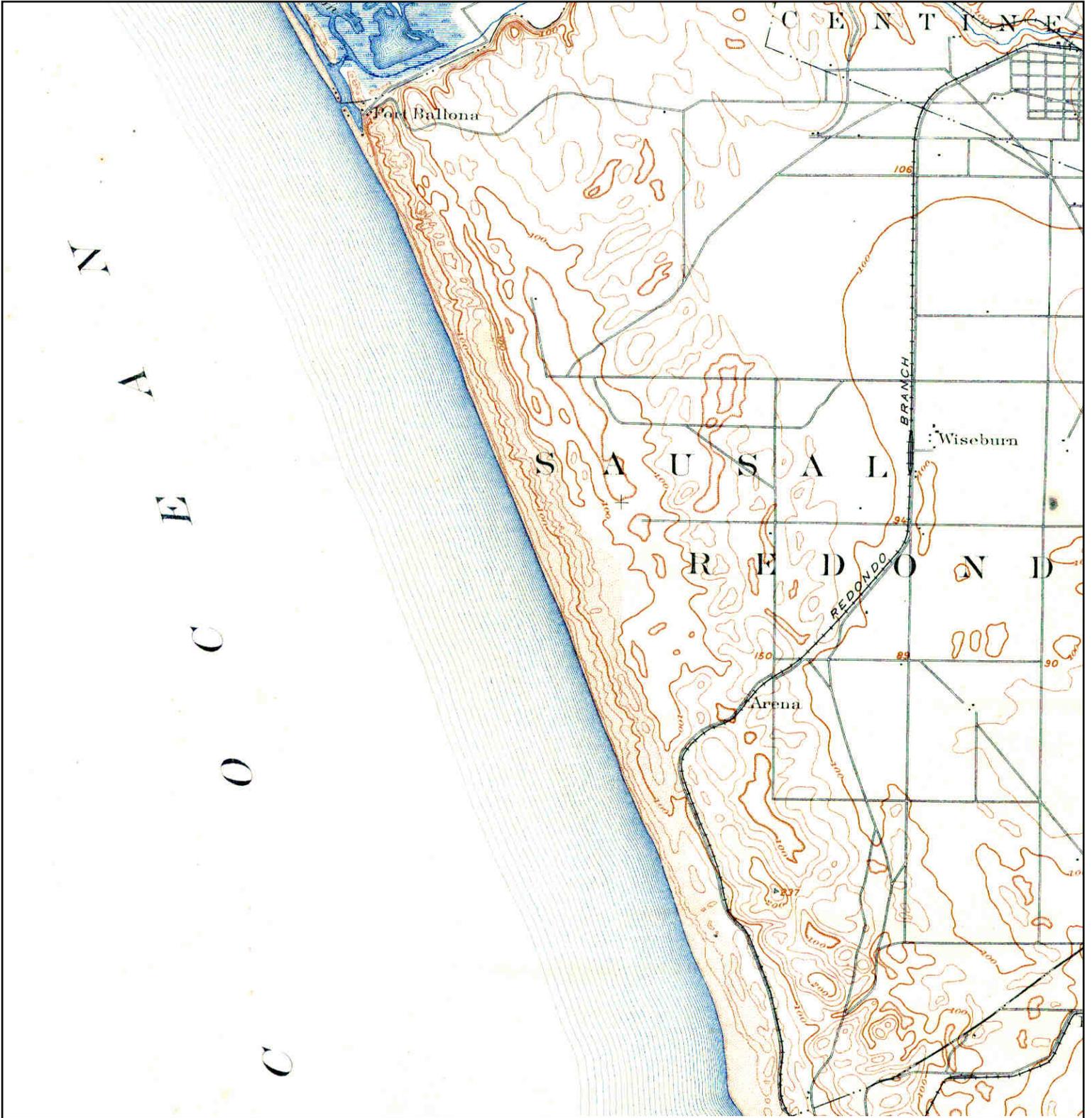
## **Disclaimer - Copyright and Trademark Notice**

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

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

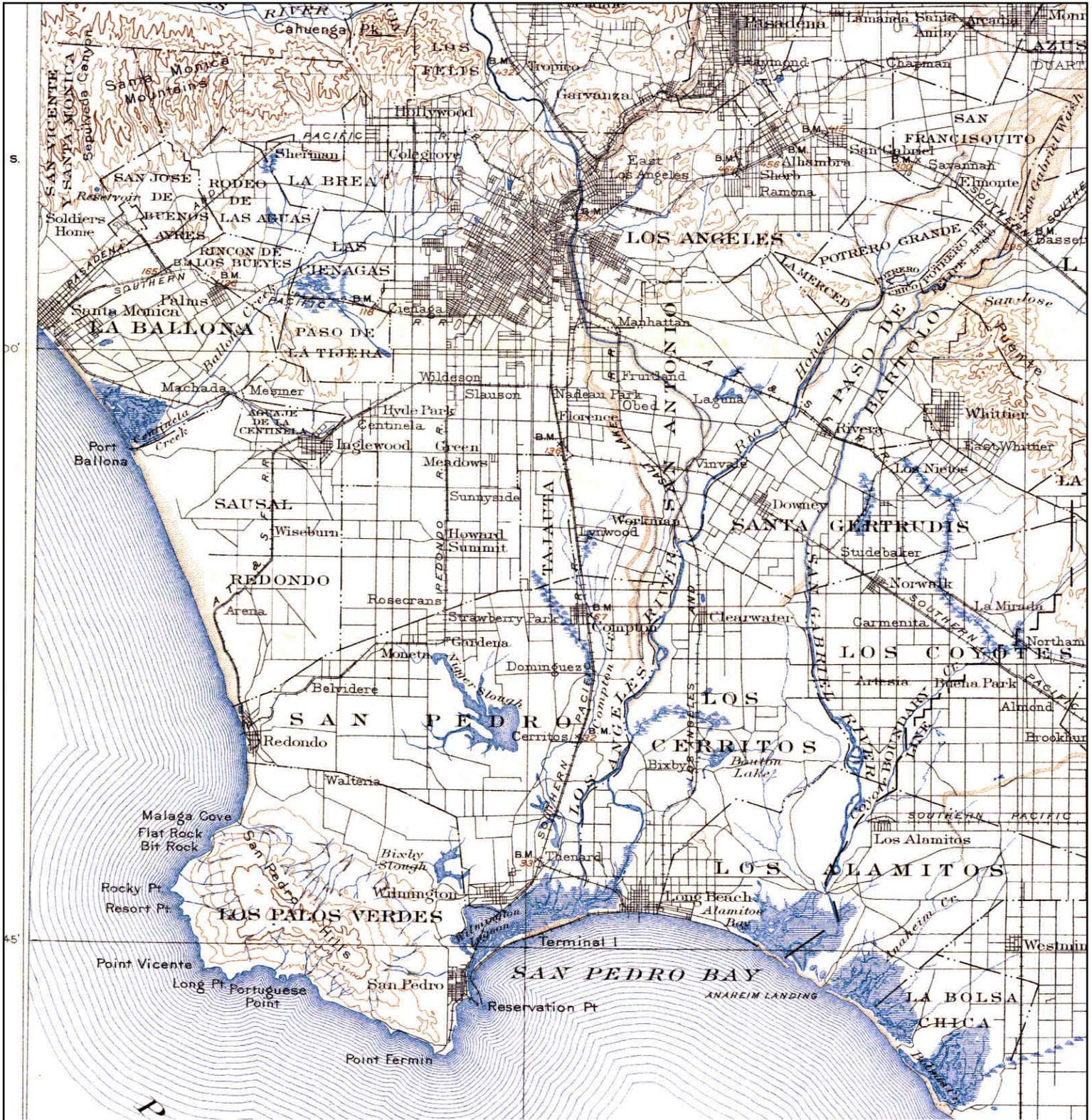
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> NRG Energy Inc.	<b>CLIENT:</b> ERM - West, Inc.
	<b>NAME:</b> REDONDO	<b>ADDRESS:</b> 301 Vista Del Mar	<b>CONTACT:</b> Kate Mitsch
	<b>MAP YEAR:</b> 1896	<b>LAT/LONG:</b> 33.9099 / -118.4246	<b>INQUIRY#:</b> 3746428.4
	<b>SERIES:</b> 15		<b>RESEARCH DATE:</b> 10/02/2013
	<b>SCALE:</b> 1:62500		

# Historical Topographic Map



<p>N ↑</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> NRG Energy Inc.	<b>CLIENT:</b> ERM - West, Inc.	
	<b>NAME:</b> SOUTHERN CA SHEET 1	<b>ADDRESS:</b> 301 Vista Del Mar	<b>CONTACT:</b> Kate Mitsch	
	<b>MAP YEAR:</b> 1901	<b>LAT/LONG:</b> 33.9099 / -118.4246	<b>INQUIRY#:</b> 3746428.4	<b>RESEARCH DATE:</b> 10/02/2013
	<b>SERIES:</b> 60			
	<b>SCALE:</b> 1:250000			

# Historical Topographic Map



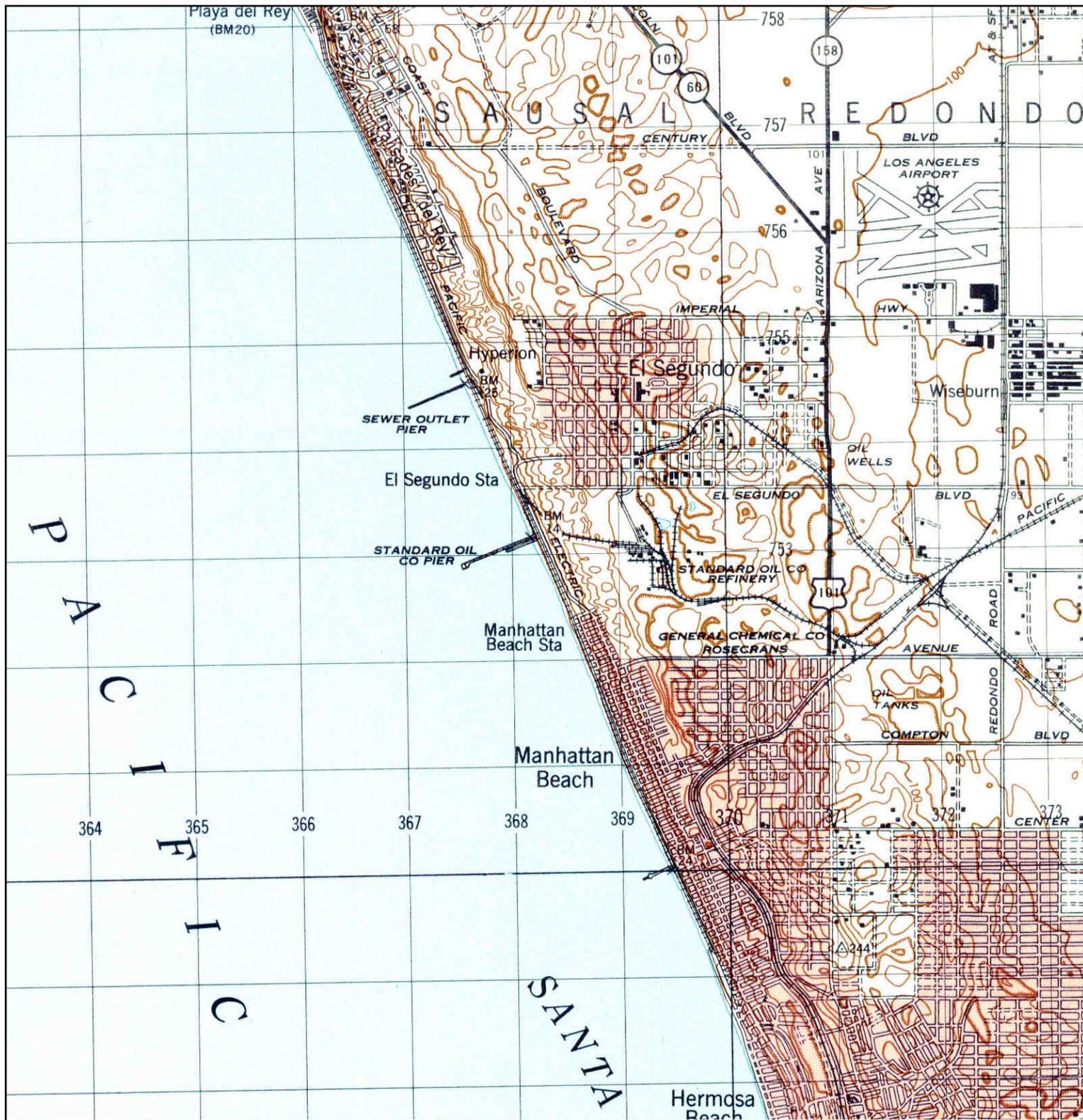
	<b>TARGET QUAD</b>	<b>SITE NAME:</b> NRG Energy Inc.	<b>CLIENT:</b> ERM - West, Inc.
	NAME: VENICE	ADDRESS: 301 Vista Del Mar	CONTACT: Kate Mitsch
	MAP YEAR: 1924	EL SEGUNDO, CA 90245	INQUIRY#: 3746428.4
	SERIES: 6	LAT/LONG: 33.9099 / -118.4246	RESEARCH DATE: 10/02/2013
	SCALE: 1:24000		

# Historical Topographic Map



<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: VENICE                  MAP YEAR: 1934</p>	<p><b>SITE NAME:</b> NRG Energy Inc.  <b>ADDRESS:</b> 301 Vista Del Mar                  El Segundo, CA 90245  <b>LAT/LONG:</b> 33.9099 / -118.4246</p>	<p><b>CLIENT:</b> ERM - West, Inc.  <b>CONTACT:</b> Kate Mitsch  <b>INQUIRY#:</b> 3746428.4  <b>RESEARCH DATE:</b> 10/02/2013</p>
	<p><b>SERIES:</b> 6  <b>SCALE:</b> 1:24000</p>		

# Historical Topographic Map



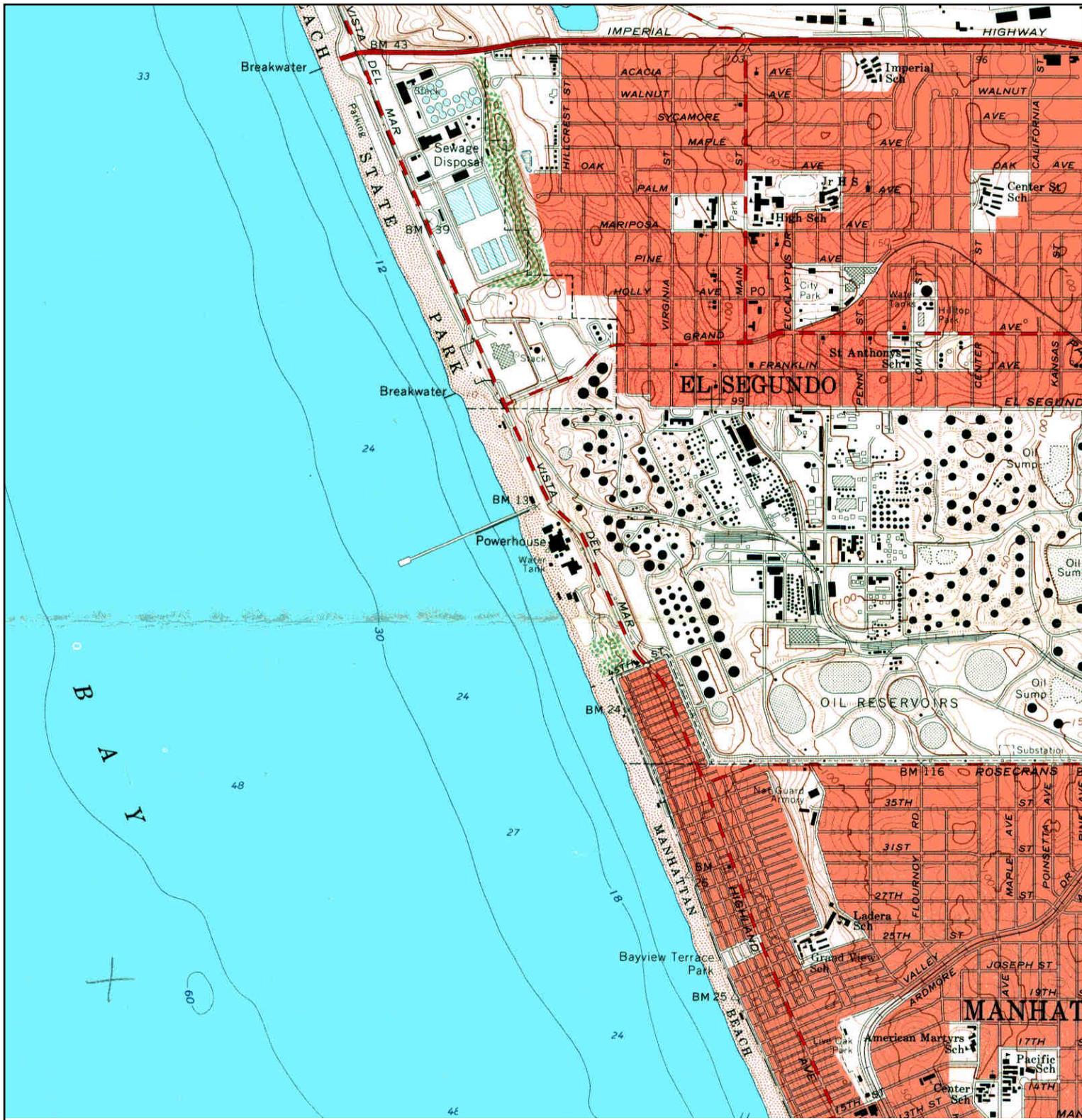
	<b>TARGET QUAD</b> NAME: REDONDO MAP YEAR: 1948	SITE NAME: NRG Energy Inc. ADDRESS: 301 Vista Del Mar El Segundo, CA 90245 LAT/LONG: 33.9099 / -118.4246	CLIENT: ERM - West, Inc. CONTACT: Kate Mitsch INQUIRY#: 3746428.4 RESEARCH DATE: 10/02/2013
	SERIES: 15 SCALE: 1:50000		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> NRG Energy Inc.	<b>CLIENT:</b> ERM - West, Inc.
	NAME: VENICE	ADDRESS: 301 Vista Del Mar	CONTACT: Kate Mitsch
	MAP YEAR: 1950	EL SEGUNDO, CA 90245	INQUIRY#: 3746428.4
	SERIES: 7.5	LAT/LONG: 33.9099 / -118.4246	RESEARCH DATE: 10/02/2013
	SCALE: 1:24000		

# Historical Topographic Map



	<b>TARGET QUAD</b> NAME: VENICE MAP YEAR: 1964	SITE NAME: NRG Energy Inc. ADDRESS: 301 Vista Del Mar El Segundo, CA 90245 LAT/LONG: 33.9099 / -118.4246	CLIENT: ERM - West, Inc. CONTACT: Kate Mitsch INQUIRY#: 3746428.4 RESEARCH DATE: 10/02/2013
	SERIES: 7.5 SCALE: 1:24000		

# Historical Topographic Map



<p>N ↑</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> NRG Energy Inc.	<b>CLIENT:</b> ERM - West, Inc.
	NAME: VENICE	<b>ADDRESS:</b> 301 Vista Del Mar	<b>CONTACT:</b> Kate Mitsch
	MAP YEAR: 1972	El Segundo, CA 90245	<b>INQUIRY#:</b> 3746428.4
	PHOTOREVISED FROM :1964	<b>LAT/LONG:</b> 33.9099 / -118.4246	<b>RESEARCH DATE:</b> 10/02/2013
	SERIES: 7.5		
	SCALE: 1:24000		

# Historical Topographic Map



<p>N ↑</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> NRG Energy Inc.	<b>CLIENT:</b> ERM - West, Inc.
	NAME: VENICE	<b>ADDRESS:</b> 301 Vista Del Mar	<b>CONTACT:</b> Kate Mitsch
	MAP YEAR: 1981	El Segundo, CA 90245	<b>INQUIRY#:</b> 3746428.4
	PHOTOREVISED FROM :1964	<b>LAT/LONG:</b> 33.9099 / -118.4246	<b>RESEARCH DATE:</b> 10/02/2013
	SERIES: 7.5		
	SCALE: 1:24000		



**NRG Energy Inc.**

301 Vista Del Mar

El Segundo, CA 90245

Inquiry Number: 3746428.5

October 03, 2013

## The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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

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

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

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

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

**Date EDR Searched Historical Sources:**

Aerial Photography October 03, 2013

**Target Property:**

301 Vista Del Mar

El Segundo, CA 90245

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1927	Aerial Photograph. Scale: 1"=500'	Flight Year: 1927	Fairchild
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	Laval
1947	Aerial Photograph. Scale: 1"=500'	Flight Year: 1947	Fairchild
1956	Aerial Photograph. Scale: 1"=500'	Flight Year: 1956	Fairchild
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	EDR
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	EDR
1981	Aerial Photograph. Scale: 1"=500'	Flight Year: 1981	AMI
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR



INQUIRY #: 3746428.5

YEAR: 1927

| = 500'





INQUIRY #: 3746428.5

YEAR: 1938

| = 500'





**INQUIRY #:** 3746428.5

**YEAR:** 1947

| = 500'





INQUIRY #: 3746428.5

YEAR: 1956

| = 500'





INQUIRY #: 3746428.5

YEAR: 1963

| = 500'





INQUIRY #: 3746428.5

YEAR: 1972

| = 500'





INQUIRY #: 3746428.5

YEAR: 1981

| = 500'





INQUIRY #: 3746428.5

YEAR: 1989

| = 500'





**INQUIRY #:** 3746428.5

**YEAR:** 1994

| = 500'





INQUIRY #: 3746428.5

YEAR: 2005

| = 500'



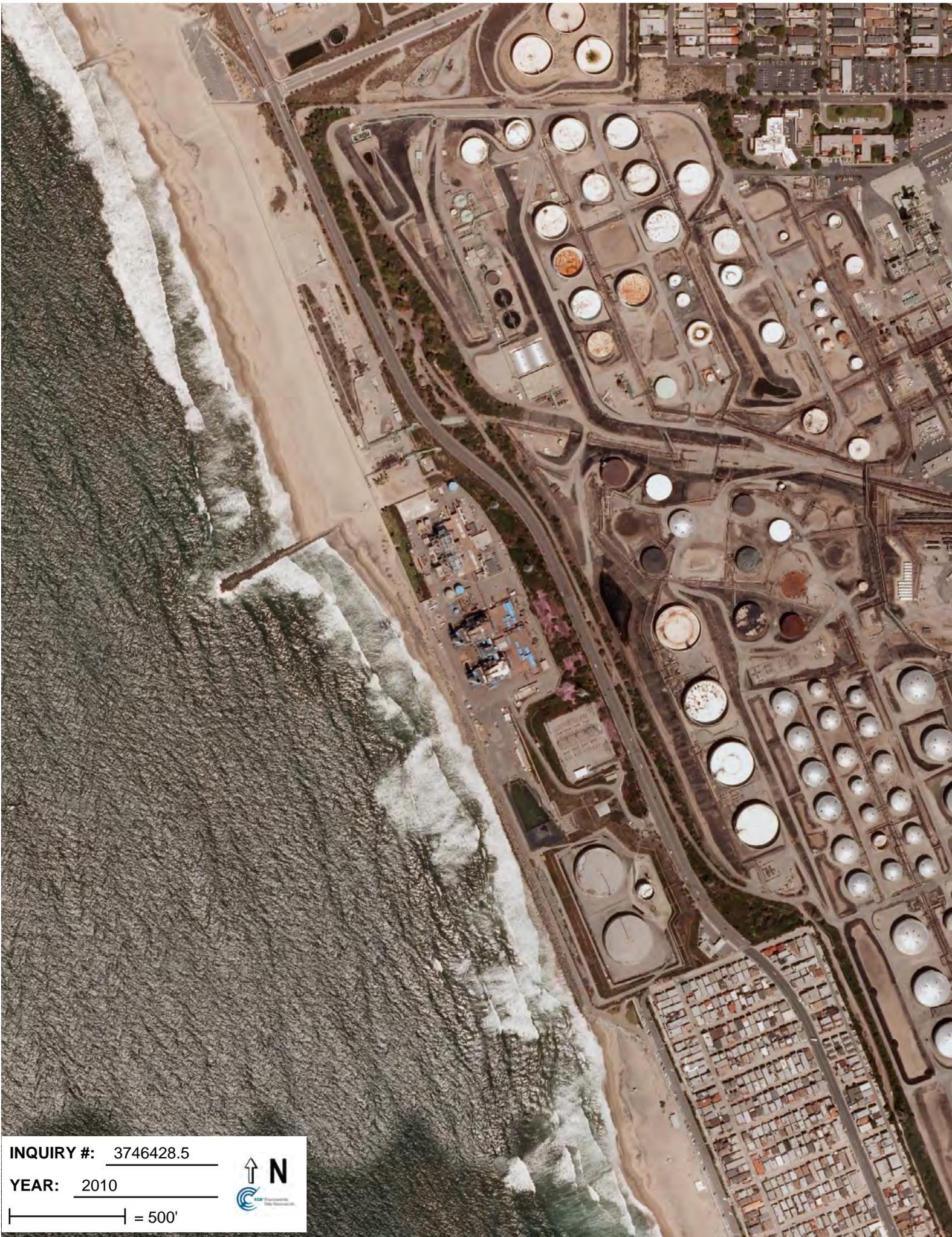


**INQUIRY #:** 3746428.5

**YEAR:** 2009

| = 500'





**INQUIRY #:** 3746428.5

**YEAR:** 2010

| = 500'





INQUIRY #: 3746428.5

YEAR: 2012

| = 500'



**NRG Energy Inc.**

301 Vista Del Mar  
El Segundo, CA 90245

Inquiry Number: 3746428.6  
October 02, 2013

# The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

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

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

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

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

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

## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 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	X	-
2006	Haines Co., Inc.	-	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	-	-	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	-	-	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	-	-	-
1986	Pacific Bell	-	-	-	-
1985	Pacific Bell	-	-	-	-
1981	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	-	-	-
1975	Pacific Telephone	-	-	-	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	-	-	-
1966	Pacific Telephone	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1965	Pacific Telephone	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	R. L. Polk & Co.	-	-	-	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	-	-	-
1956	R. L. Polk & Co.	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
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.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

301 Vista Del Mar  
El Segundo, CA 90245

### FINDINGS DETAIL

Target Property research detail.

## VISTA DEL MAR

### **301 VISTA DEL MAR**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	EL SEGUNDO POWER LLC	Cole Information Services
	PACIFIC ENERGY GROUP	Cole Information Services
2008	EL SEGUNDO POWER LLC	Cole Information Services
	NRG EL SEGUNDO OPERATIONS INC	Cole Information Services
	NRG ENERGY INC	Cole Information Services

## FINDINGS

### ADJOINING PROPERTY DETAIL

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

#### VISTA DEL MAR

##### 12700 VISTA DEL MAR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	CAR LOCKSMITH ONLY	Cole Information Services
2008	SCATTERGOOD GENERATION PLANT	Cole Information Services

##### 304 VISTA DEL MAR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Intercontinental Computer Exchange	Pacific Telephone

#### VISTA DEL MAR AVE

##### 314 VISTA DEL MAR AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Palos Verdes Ins Agcy	Pacific Bell
1980	Palos Verdes Ins Agcy	Pacific Telephone

#### VISTA DEL MAR ST

##### 304 VISTA DEL MAR ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GURNER Robert	Haines Co., Inc.
	FOXD	Haines Co., Inc.
	HASANAmer	Haines Co., 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

301 Vista Del Mar

#### Address Not Identified in Research Source

2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

### 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

12700 VISTA DEL MAR

#### Address Not Identified in Research Source

2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

304 VISTA DEL MAR

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

304 VISTA DEL MAR ST

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

314 VISTA DEL MAR AVE

2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 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 E

### Prior Environmental Reports Reference List



The following prior environmental reports were reviewed by ERM during the Phase I ESA and are summarized in the report, as applicable. Copies of these reports are available upon request.

- *Final Draft RCRA Facility Investigation (RFI) Work Plan, El Segundo Power Redevelopment Project*, prepared by Shaw Environmental, Inc. for El Segundo Power II LLC, revised August 2010
- *Phase I Environmental Site Assessment of El Segundo Energy Center Facility, 301 Vista Del Mar, El Segundo, California*, prepared by AECOM for El Segundo Energy Center LLC, dated February 2011
- *Updated Phase I Environmental Site Assessment of El Segundo Energy Center Facility, 301 Vista Del Mar, El Segundo, California*, prepared by AECOM for El Segundo Energy Center LLC, dated May 2011
- *Sampling Results for Soil and Groundwater beneath the Former Northern Aboveground Fuel Oil Storage Tank (AST) (El Segundo Energy Center)*, prepared by AECOM on behalf of NRG for the DTSC, dated 11 March 2011
- *Sampling Results for Soil and Groundwater Beneath the Former Station Make Up Demineralizer (SMUD) Area*, prepared by AECOM on behalf of NRG for DTSC, dated 28 April 2011
- *Sampling Results for the Former Materials Warehouse and Hazardous Materials Storage area near Warehouse (El Segundo Energy Center)*, AECOM to DTSC dated 15 June 2011
- *PCB-Impacted Soil and Concrete Cleanup Report, El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 31 August 2011
- *Notification of Risk-Based Disposal Approval Application to Address PCBs in Groundwater, former Units 1 and 2 Powerblock Foundation, El Segundo Generating Station, El Segundo, CA*, prepared by AECOM on behalf of NRG for USEPA Region 9, dated 31 August 2011
- *Sampling Results for Soil from Lube Oil Foundation El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 28 December 2011
- *Sampling Results for Soil Beneath the Blowdown Line from Unit 3 El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 30 December 2011
- *Metal Impacted Soil Sampling Results for Southern California Edison (SCE) El Segundo Energy Center, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 8 February 2012
- *Environmental Oversight Main Gas Line Excavation El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California*, prepared by AECOM for NRG, dated 21 February 2012

- *Sampling Results for Soil from Beneath North Retention Basin Line El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, CA, prepared by AECOM for NRG, dated 21 February 2012*
- *Sampling Results for Soil from Excavations for Ammonia Line Supports El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California, 29 March 2012*
- *Data Report: Gas Compressor Area Assessments and Verification Sampling for the El Segundo Power Redevelopment Project Area- El Segundo Generating Station, 301 Vista Del Mar Boulevard El Segundo, California, prepared by AECOM on behalf of NRG for the DSTC, dated 10 July 2012*
- *Sampling Results for Soil from Beneath North Retention Basin Discharge Line El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California, prepared by AECOM for NRG, dated 12 September 2012*
- *Sampling Results for Soil from Lube Oil Foundation El Segundo Generating Station, 301 Vista Del Mar Boulevard, El Segundo, California 90245, prepared by AECOM for NRG*
- *Soil Sampling- Water Quality Feature, prepared by ACEOM for NRG, dated 3 February 2013*
- *Aerial Lift Oil Release Summary Report, El Segundo Energy Center, 301 Vista Del Mar Boulevard, El Segundo, California 90245, prepared by AECOM, for NRG, dated 13 February 2013*
- *Firewall Excavation Summary Report El Segundo Energy Center, 301 Vista Del Mar Boulevard, El Segundo, California, prepared by AECOM for NRG, dated 20 February 2013*
- *Sampling Results for Soil and Groundwater beneath the Former Southern AST (El Segundo Energy Center), prepared by AECOM on behalf of NRG to the DTSC dated 7 August 2013*

**Appendix F**  
Professional Profiles



# Kate M. Mitsch



Ms. Mitsch is a project manager in ERM's Irvine, CA office. She has more than seven years of consulting experience in transaction services, primarily for financial and legal sector clients. Prior to working as an environmental consultant, she obtained a Masters of Science Degree in Environmental Science and Engineering focused on environmental management and policy.

Ms. Mitsch has managed and conducted numerous environmental due diligence assessments both nationally and internationally. Subject sites have included existing/former industrial and commercial operations. Kate has experience in all phases of due diligence including regulatory compliance, liability evaluations, asset retirement obligations and subsurface investigations. Kate has significant experience in coordinating and managing multi-site international due diligence portfolios. Ms. Mitsch has a working knowledge of ASTM standards for environmental site assessments and environmental compliance protocols, including the application of ASTM procedures outside of the United States.

Ms. Mitsch has a proven record in performing detailed and thorough environmental reviews, conducting work within strict confidentiality guidelines, delivering information within the confines of accelerated time schedules, and managing multiple-country and multiple-office teams.

Ms. Mitsch has also participated in projects related to asset retirement obligations (ARO), environmental and social due diligence (ESDD) and environmental and social impact assessments (ESIAs).

## Fields of Competence

- Transaction Services: Mergers, Acquisitions and Divestiture/ Environmental Due Diligence
- Environmental Regulatory Compliance Auditing
- Project Management

## Training

- OSHA Certified Hazardous Materials Operator (40-Hour HAZWOPER), updated annually

## Education

- Master of Environmental Science and Engineering, University of North Carolina- Chapel Hill, 2005
- Bachelor of Arts, Environmental Studies, Connecticut College, Connecticut, 2003

## Key Industry Sectors

- Pharmaceutical
- Chemical
- Automotive
- Defense
- General Manufacturing/Industrial Sites

## Languages

- English, native speaker

## **Key Projects**

### **Pharmaceutical**

#### **Environmental Assessments, Project Banana, Multi-national**

Ms. Mitsch led a project team of 25 ERMers to conduct high level assessments (materiality threshold of \$100,000) of pharmaceutical manufacturing facilities in the United States, Australia, China, Canada, Belgium, India, Spain, Taiwan, Brazil and Argentina in preparation of a potential divestiture of the business unit.

#### **Health and Safety Standard Development, MedImmune**

Ms. Mitsch worked closely with MedImmune to develop health and safety standards for their U.S. and international facilities.

#### **Environmental Compliance Audit, Maryland**

Ms. Mitsch conducted a compliance audit of three U.S. Pharmacopeial Convention (USP) facilities (headquarters and two warehouses). Ms. Mitsch conducted a comprehensive assessment of the facility's existing EHS management practices with respect to applicable national and local EHS regulations and best EHS management practices.

#### **Phase I Environmental Site Assessments (ESAs), Various Pharmaceutical Manufacturing Facilities**

Ms. Mitsch has conducted Phase I ESAs at several pharmaceutical manufacturing facilities and related farms. These assessments included limited compliance reviews of on-site operations. The Phase I ESAs were in general accordance with the ASTM E1527-05 standard.

#### **Merck Acquisition of Schering Plough Multi-national**

Ms. Mitsch was part of the project management team for this acquisition. The due diligence process included desktop reviews, telephone interviews, site visits, and site rankings. This project involved the use of a "data tool" (e.g., an in-house data management tool to rank sites in terms of potential liabilities) designed specifically for this project. This project included more than 200 sites worldwide.

### **Chemical**

#### **Various Projects, Sherwin Williams**

Ms. Mitsch manages a portfolio of international projects for Sherwin Williams. Projects include Phase I ESAs, compliance audits and Phase II ESAs.

#### **Phase I and II ESA and Site Characterization, Project Runway, Milan, Italy**

Ms. Mitsch managed a Phase I Environmental Site Assessment (ESA) at a former chemical manufacturing facility. The findings of the Phase I ESA led to a Phase II ESA and development of a Site Characterization Plan. Kate worked closely with the Client and ERM Milan office to develop the Site Characterization Plan and regulatory notifications in an effort to obtain "no further action" from the regulatory authorities.

#### **Various Projects, Multi-national, PQ Corporation.**

Ms. Mitsch has managed various international portfolio projects for PQ Corporation.

#### **Data Review and Site Visits, USA, Europe, and China, Confidential Client**

Ms. Mitsch conducted a dataroom review of a multi-national chemical management company and conducted a site visit at their chemical blending facility for a financial transaction. The chemical blending facility had been conducting operations at the site since the 1920s. The environmental assessment was conducted in accordance with ASTM E 1527-05 requirements and standards for conducting an All Appropriate Inquiry set forth in 40 CFR Part 312.

### **Automotive**

#### **Phase I ESAs/LCRs, Project Sky, Multi-national, Magna International**

Ms. Mitsch assisted in the management of Project Sky which involved Phase I ESAs/LCRs of 13 automotive parts manufacturing facilities in nine countries (U.S., U.K., South Korea, Slovakia, Netherlands, Mexico, Brazil, China, and Italy).

## Defense

### **Phase I ESAs, Project Mandarin, Maryland, Confidential Client**

Ms. Mitsch conducted Phase I ESAs at two facilities involved in the development and manufacture of products for the U.S. Department of Defense.

### **Various Phase I ESAs and Lease Exit Assessments (LEAs), Northrop Grumman, Virginia and Maryland**

Ms. Mitsch conducted Phase I ESAs and LEAs at various Northrop Grumman facilities in Maryland and Virginia.

## General Manufacturing/Industrial Sites

### **Phase I ESAs, Project View, Wisconsin, Confidential Client**

Ms. Mitsch conducted Phase I ESAs at various facilities related to window and door manufacturing. Facilities included a vinyl plant, research and development center, glass plant, custom products manufacturing (windows), door manufacturing plant, a window manufacturing plant, and various equipment repair facilities.

### **Dataroom Review, Project Ocean, Multi-national, Confidential Client**

Ms. Mitsch managed and coordinated an electronic data room review of environmental documentation for the potential acquisition of 197 manufacturing/packaging facilities in 31 countries. The review included an evaluation of property contamination, EHS compliance, and potential EHS legal issues at each of the facilities.

### **Environmental Review, Project Steel Deal, Maryland, Ohio, Pennsylvania, and West Virginia, Confidential Client**

Ms. Mitsch managed the environmental due diligence activities related to the potential acquisition of steel mills located in Ohio, West Virginia, Pennsylvania and Maryland. The due diligence process included a high level review of environmental reserves, on-going remediation, and potential natural resource damage lawsuits.

### **Phase I ESAs and LCRs, Project Russia, Maine, Confidential Client**

Ms. Mitsch conducted Phase I ESAs/LCRs at scrap metal recycling facilities in Maine.

### **Environmental Review, Confidential Client; Textile Dying and Knitting. Multi-national.**

Ms. Mitsch acted as Project Manager for the environmental due diligence related to textile dying and knitting facilities located in the U.S., U.K. and France. The diligence included a high level review of documents related to each site and a review of environmental reserves and on-going remediation.

## Other

### **Inter-American Investment Corporation (IIC). Environmental and Social Due Diligence (ESDD). Jamaica.**

Ms. Mitsch conducted an ESDD of Chevron's Texaco Jamaican assets which included a network of 52 retail gas stations, a bulk-fuel distributor and its one-third stake in a storage terminal in Montego Bay.

### **Environmental and Social Baseline Study (ESBS) Project Akkas, Iraq, Confidential Client**

Ms. Mitsch assisted in the development an ESBS for Project Akkas, which consisted of a proposed natural gas development project in western Iraq. The objectives of the study included the identification and analysis of potential environmental and socio-economic risks and the development of recommendations on approaches to risk mitigation and other project development associated issues.

### **Environmental Due Diligence, Project Elizabeth, Virginia, Confidential Client**

Ms. Mitsch conducted environmental due diligence related to a proposed tunnel/roadway expansion project in Norfolk and Portsmouth, Virginia.

### **Due Diligence, Project Smoky, North Carolina and Tennessee, Confidential Client**

Ms. Mitsch conducted Phase I ESAs at two hydroelectric power generating facilities in Tennessee. This project included a review of environmental compliance at each facility. In addition, Ms. Mitsch conducted a survey of "non-project lands" in North Carolina and Tennessee in accordance with the ASTM Forested Land Standard.

Ms. Mitsch has conducted Phase I Environmental Site Assessments, Limited Compliance Reviews and Compliance Audits in the following U.S. states and territories:

California  
Connecticut  
Delaware  
District of Columbia  
Florida  
Illinois  
Iowa  
Indiana  
Kansas  
Kentucky  
Maine  
Maryland  
Massachusetts  
Mississippi  
Missouri  
New Hampshire  
New Jersey  
North Carolina  
New York  
Ohio  
Oklahoma  
Pennsylvania  
Rhode Island  
St. Thomas  
Tennessee  
Texas  
Vermont  
Virginia  
West Virginia  
Wisconsin

DECLARATION OF SERVICE

I, Dee Hutchinson, declare that on October 30, 2013, I served and filed copies of Applicant's Response to Data Request 87 in Set Two dated October 30, 2013. The most recent Proof of Service List, which I copied from the web page for this project at: <http://www.energy.ca.gov>, is attached to this Declaration.

**(Check one)**

**For service to all other parties and filing with the Docket Unit at the Energy Commission:**

I successfully uploaded the document to the Energy Commission's e-filing system and I personally delivered the document or deposited it in the US mail with first class postage to those persons for whom a physical mailing address but no e-mail address is shown on the attached Proof of Service List. [The e-filing system will serve the other parties and Committee via e-mail when the document is approved for filing.] **or**

I e-mailed the document to [docket@energy.ca.gov](mailto:docket@energy.ca.gov) and I personally delivered the document or deposited it in the US mail with first class postage to those persons for whom a physical mailing address but no e-mail address is shown on the attached Proof of Service List. [The e-filing system will serve the other parties and Committee via e-mail when the document is approved for filing.] **or**

Instead of e-filing or e-mailing the document, I personally delivered it or deposited it in the US mail with first class postage to all of the persons on the attached Proof of Service List for whom a mailing address is given and to the

California Energy Commission – Docket Unit  
Attn: Docket No. \_\_\_\_\_  
1516 Ninth Street, MS-4  
Sacramento, CA 95814-5512

[The e-filing system will serve an additional electronic copy on the other parties and Committee via e-mail when the paper document or CD is received, scanned, uploaded, and approved for filing. The electronic copy stored in the e-filing system is the official copy of the document.]

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am over the age of 18 years.

Dated: October 30, 2013

  
\_\_\_\_\_  
Dee Hutchinson

**Proof of Service List**

Docket: 00-AFC-14C

Project Title: El Segundo Power Redevelopment Project Compliance

**Applicant**

**George L. Piantka, PE**  
El Segundo Energy Center, LLC  
5790 Fleet Street, Suite 200  
Carlsbad, CA 92008  
george.piantka@nrgenergy.com

**Applicant's Representative**

**John A. McKinsey**  
Locke Lord, LLP  
500 Capitol Mall, Suite 1800  
Sacramento, CA 95814  
jmckinsey@lockelord.com

**Intervenor**

**Michele Murphy & Bob Perkins**  
4420 The Strand  
Manhattan Beach, CA 90266  
murphyperkins@gmail.com

**Commission Staff**

**Craig Hoffman**, Project Manager  
California Energy Commission  
Siting, Transmission &  
Environmental Protection Division,  
1516 Ninth Street, MS-15  
Sacramento, CA 95814  
craig.hoffman@energy.ca.gov

**efiling archive**  
California Energy Commission  
Sacramento, CA  
efilingPOSarchive@energy.ca.gov

**Robin Mayer**, Staff Counsel  
California Energy Commission  
Office of the Chief Counsel,  
1516 Ninth Street, MS-14  
Sacramento, CA 95814  
Robin.Mayer@energy.ca.gov

**Committee**

**Eileen Allen**, Commissioners'  
Technical Adviser for Facility Siting  
California Energy Commission  
Sacramento, CA

**Eli Harland**, Adviser to Commissioner  
Douglas  
California Energy Commission  
Sacramento, CA

**JANEA A. SCOTT**, Associate  
Member, Commissioner  
California Energy Commission  
Sacramento, CA

**Jennifer Nelson**, Adviser to  
Commissioner Douglas  
California Energy Commission  
Sacramento, CA

**Jim Bartridge**, Adviser to  
Commissioner Scott  
California Energy Commission  
Sacramento, CA

**KAREN DOUGLAS**, Presiding  
Member, Commissioner  
California Energy Commission  
Sacramento, CA

**Lezlie Kimura Szeto**, Adviser to  
Commissioner Scott  
California Energy Commission  
Sacramento, CA

**Paul Kramer**, Chief Hearing Officer  
California Energy Commission  
Sacramento, CA

**Public Adviser**

**Alana Mathews**, Public Adviser  
California Energy Commission  
Public Advisers Office, 1516 Ninth Street, MS-12  
Sacramento, CA 95814  
publicadviser@energy.ca.gov

**Public Agency**

**California ISO**

Folsom, CA  
e-recipient@caiso.com

**Kimberly Christensen**, AICP,  
Planning Manager  
City of El Segundo  
Planning Division, 350 Main Street  
El Segundo, CA 90245  
kchristensen@elsegundo.org

**Laurie B. Jester**  
City of Manhattan Beach  
1400 Highland Avenue  
Manhattan Beach, CA 90266  
ljester@ci.manhattan-beach.ca.us