F2 Phase I ESA: City Property Site

Phase I Environmental Site Assessment

33-Acre Property
Pacific Coast Highway
Long Beach, California

Prepared for:

Beach Oil Minerals Partners

Prepared by:

Rincon Consultants, Inc.
May 1, 2015

Environmental Scientists Planners Engineers

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May 1, 2015
Project 15-01472

Mr. John McKeown
c/o Beach Oil Minerals Partners
6433 E 2nd Street
Long Beach, CA 90803

Subject: **Phase I Environmental Site Assessment**
33-Acre Property, Pacific Coast Highway, Long Beach, California

Dear Mr. McKeown:

This report presents the findings of a Phase I Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. for the 33-acre property located east of Pacific Coast Highway and south of 2nd Street/Westminster Avenue in Long Beach, California. The Phase I ESA was performed in accordance with our proposal and contract for professional services dated April 6, 2015.

The accompanying report presents our findings and provides an opinion regarding the presence of recognized environmental conditions. Our work program for this project is intended to meet the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* (ASTM Standard E-1527-13). Our scope of services, pursuant to ASTM practice, did not include any inquiries with respect to asbestos containing building materials, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, wetlands, or high voltage power lines.

Thank you for selecting Rincon for this project. If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,
RINCON CONSULTANTS, INC.

R. Scott English, RME
Senior Project Manager

Walt Hamann, PG, CEG, CHG
Vice President, Environmental Services

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EXECUTIVE SUMMARY

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for the 33-acre property located east of Pacific Coast Highway and south of 2nd Street/ Westminster Avenue in Long Beach, California (Figure 1, Vicinity Map). The subject property currently consists of an oil field and vacant land.

Rincon Consultants performed a reconnaissance of the subject property on April 13, 2015. The purpose of the reconnaissance was to observe existing subject property conditions and to obtain information indicating the presence of recognized environmental conditions in connection with the subject property. During the site reconnaissance, Rincon Consultants observed numerous producing and idle oil wells, one tank battery area, numerous transformers and an elevated flare unit. Fill material was also observed on the site. Staining was noticed on numerous producing and idle wells and in the vicinity of the transformers that were observed onsite.

Properties in the vicinity of the site include:

- Oil wells/production property (154-acre site) to the north (operated by Beach Oil Minerals Partners [BOMP]).
- San Gabriel River to the south.
- Seaport Marina Hotel, Mobil gas station, and commercial and retail businesses within the Long Beach Marketplace to the west; and
- Studebaker Road followed by AES Alamitos Electricity and Generating Power Plant to the northeast; vacant land and some oil wells to the east.

Environmental Data Resources, Inc. (EDR) was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the subject property and included data from surrounding sites within a specified radius of the property. The subject property was listed as a UIC, CHMIRS, RCRA-SQG, FINDS, HIST UST, EMI, ERNS, CERCLIS, HAZNET, LA CO. HMS, WMUDS/SWAT and SWF/LF site in the databases searched by EDR. The UIC database is a listing of wells identified as underground injection wells in the California Oil and Gas Wells database. The subject property is also listed in the historic UST database. According to the EDR report a 7,000-gallon underground storage tank (UST) containing waste oil was located on the subject property. The EDR report also indicated the following regarding spills/release incidents at the site:

- On March 28, 2006, an unknown oil material (10 barrels) mixed with produced water (30 barrels) had spilled onto soil from a punctured above ground storage tank in a tank farm. Remedial action included a clean-up crew onsite and a contractor was hired.
- In July 2007, an internal flow line at the facility broke resulting in a discharge of crude oil and produced water (approximately 1 barrel) onto the ground.
- On February 4, 2010, an unknown amount of grease was released as follows: "*the sheen was caused by pipe grease dropped on a pipe. The area is being cleaned up and an EPA coordinator is on the scene.*"
- On February 15, 2010, an unknown amount of crude oil was released as follows: "*a pinhole leak on the production line of an oil well resulted in the release of substance onto private property. The line has been clamped and booms are being placed to contain substance*."

Additionally, the subject property is listed as a generator of hazardous waste, and a PCB removal site (which affected both the 33-acre subject property and the adjacent 154-acre BOMP parcel). Further information regarding the PCB removal is described below in the Previous Environmental Assessments Section of this report.

Two previous Phase I ESA assessments conducted by Rincon in 2007 and 2010 were conducted for an approximately 190-acre property (formerly known as the Bixby Ranch Company "A" Lease) that included the 33-acre subject property and the adjacent 154-acre BOMP parcel. During the preparation of the previous and current Phase I ESAs, Rincon Consultants performed file reviews from three agencies, which included the Los Angeles County Department of Public Health, the City of Long Beach Environmental Health Department and the Los Angeles Regional Water Quality Control Board (LARWQCB) pertaining to database listings for the subject property and adjacent properties listed in the environmental database search report. File reviews included City Dump and Salvage #1 through #3, City Dump and Salvage #4 (Studebaker/Loynes Disposal Site), Marina Pacifica Mall, Chevron Station #9-0016 (former), Exxon #7-3047 (former), Tosco/76 Station #5379 (former), Marina Shipyard, Alamitos Bay Maintenance Yard, AES Alamitos Power Plant, and LA County Flood Control Dump site.

Additional documents for Exxon #7-3047 (Former), Chevron Station #9-0016, Tosco-76 #5379 (Former) and Termo Oil Facility provided and maintained online by the RWQCB (GeoTracker) were also reviewed. Additional documents for Loynes Beach Partnership maintained online by the DTSC (Envirostor) were also reviewed.

Historical sources reviewed as part of the Phase I ESA include aerial photographs, and topographic maps. The historic records reviewed indicate that the subject property was vacant land in 1925 and was in use as an oil field from at least 1928 to the present day.

A review of the Department of Conservation, Division of Oil, Gas & Geothermal Resources website indicates there have been 22 wells on the 33-acre site including the following: completed-oil, plugged and abandoned-oil, completed-gas, abandoned oil-converted to water disposal, gas-open to oil zone, idle-oil, or plugged and abandoned-dry hole wells.

The United States Environmental Protection Agency (USEPA) received a complaint that polychlorinated biphenyls (PCBs) may have been spilled at transformer locations on the 33-acre subject property and the adjacent 154-acre BOMP parcel. Under the oversight of the USEPA, and on behalf of LCW Oil Operations, LLC, Rincon conducted several site assessments and remedial excavations in 2009 and 2010 on the 33-acre subject property and the adjacent 154-acre BOMP parcel. The USEPA directed that soils having PCB concentrations above 1 milligram per kilogram (1 mg/kg) be removed and disposed offsite. Two of the transformer locations on the 33-acre subject property (T-14 and T-16) required remediation. The T-14 excavation was approximately 10 feet wide by 10 feet long by 3 feet deep. At transformer location T-16, the excavation was completed to approximately 5 feet below ground surface and was approximately 30 feet wide by 40 feet long. The USEPA issued a No Further Action letter for the PCB remedial action on February 24, 2010.

Based on the findings of this Phase I ESA, it is our opinion that there are five Recognized Environmental Conditions (RECs) in connection with the property as follows:

Recognized Environmental Conditions

1. Current operation of the subject property as an oil production field containing or possibly containing the following:
    - 22 existing active and idle oil wells
    - one tank battery area
    - an unknown concrete pad with electrical panels, pump, and piping
    - transformers
    - pits and/or sumps
    - abandoned wells,
    - above or below ground pipelines,
    - current or former tank farms
    - leaks or spills
    - mercury in valves
    - radioactive materials in pipes and well casings
    - current and former chemical storage and use areas
2. Onsite location of tank battery area and the former presence of earthen sumps.
3. Onsite location of three areas containing fill material on the 33-acre site.
4. Adjacent presence of methane gases at the former City Dump and Salvage #2 landfill located adjacent to the southwest of the subject property.
5. Based on the adjacent location of the AES Alamitos, LLC facility and the known releases to groundwater, the adjacent location of the AES Alamitos facility is considered a Recognized Environmental Condition.

In addition, based on the findings of this Phase I ESA, it is our opinion that there is one Historical Recognized Environmental Condition in connection with the property as follows:

Historical Recognized Environmental Condition

1. Presence of PCBs in soil in the vicinity of dielectric transformers. The presence of PCBs in soil in the vicinity of dielectric transformers is considered a Historical REC, since the PCBs in soil were assessed, remediated and No Further Action was granted under the oversight of the USEPA. The USEPA issued a No Further Action letter for the PCB remedial excavations on February 24, 2010: "*LCW Oil Operators, LLC (LCW) have completed the removal of the hazardous substances from the property located at 6433 E. Second Street, Long Beach, California pursuant to the General Notice Letter issued on May 13, 2009. LCW has also completed the oil spill response operations pursuant to the Notice of Federal Interest issued on February 4, 2010. At this time no further actions are necessary, however, EPA reserves the right to require additional work at such time as additional contaminants may be discovered.*"

Since the land use of the subject property (as an oil field) is not planned to change, no additional assessment is recommended at this time.

During the site reconnaissance, several areas onsite appeared to contain fill material. It is possible that the fill material is related to ongoing oil field activities. Since the land use in this area of the subject property (as an oil field) is not planned to change, no additional assessment is recommended at this time.

The adjacent 154-acre Beach Oil Minerals Partners facility has typical oil field contamination issues, similar to the subject property. Since the land use in this area of the subject property (as an oil field) is not planned to change, no additional assessment is recommended at this time.

In addition, if areas of potential contamination beyond those addressed in this report are identified, prior to any grading or other soil disturbance, contaminated soil should be assessed to determine if remediation is required. If remediation is required, the landowner should have a report prepared identifying the appropriate remediation measures, handling protocol and recommended waste disposal, which should be submitted to the appropriate regulatory oversight agency. Potential contaminants that may be present include hydrocarbons, metals, solvents, debris, and other wastes.

INTRODUCTION

This report presents the findings of a Phase I ESA conducted for the 33-acre property located east of Pacific Coast Highway and south of 2nd Street/Westminster Avenue in Long Beach, California (Figure 1, Vicinity Map). The Phase I ESA was performed by Rincon Consultants, Inc. for Synergy Oil and Gas, LLC and Beach Oil Mineral Partners (BOMP) in general conformance with ASTM E 1527-13 and our proposal and contract dated April 6, 2015. The following sections present our findings and provide our opinion as to the presence of recognized environmental conditions.

PURPOSE

The purpose of this Phase I ESA was to assess the environmental conditions of a property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

A recognized environmental condition (REC) is defined pursuant to ASTM E 1527-13 as,

> *"the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; 3) under conditions that pose a material threat of a future release to the environment".*

A Controlled REC is defined pursuant to ASTM E 1527-13 as,

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

engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report".

A Historical REC is defined pursuant to ASTM E 1527-13 as,

"a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by regulatory authority, without subjecting the property to any required controls (for example, use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP [Environmental Professional] considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition".

A de minimis condition is defined pursuant to ASTM E 1527-13 as,

"*a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions*".

SCOPE OF SERVICES

The scope of services conducted for this study is outlined below:

- Perform a reconnaissance of the site to identify obvious indicators of the existence of hazardous materials.
- Observe adjacent or nearby properties from public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials.
- Obtain and review an environmental records database search from Environmental Data Resources, Inc. (EDR) to obtain information about the potential for hazardous materials to exist at the subject property or at properties located in the vicinity of the subject property.
- Review files for the subject property and immediately adjacent properties as identified in the EDR report, as applicable.
- Review the current U.S. Geological Survey (USGS) topographic map to obtain information about the subject property's topography and uses of the subject property and properties in the vicinity of the subject property.
- Review additional pertinent record sources (e.g., California Division of Oil and Gas records, online databases of hazardous substance release sites), as necessary, to identify the presence of RECs at the subject property.
- Review reasonably ascertainable historical resources (e.g., aerial photographs, topographic maps, fire insurance maps, city directories) to assess the historical land use of the subject property and adjacent properties.

- Provide a property owner interview questionnaire to the property owner or a designated subject property representative identified to Rincon by the client.
- Provide a user interview questionnaire to a representative of the client, the user of the Phase I ESA.
- Conduct interviews with other property representatives (e.g., key site manager, occupants), as applicable.
- Review Client-provided information (e.g., previous environmental reports, title documentation), as applicable.

SIGNIFICANT ASSUMPTIONS, LIMITATIONS, DEVIATIONS, EXCEPTIONS, SPECIAL TERMS, AND CONDITIONS

This work is intended to adhere to good commercial, customary, and generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No guarantee or warranties, expressed or implied are provided. The findings and opinions conveyed in this report are based on findings derived from a site reconnaissance, review of an environmental database report, specified regulatory records and historical sources, and comments made by interviewees. This report is not intended as a comprehensive site characterization and should not be construed as such. Standard data sources relied upon during the completion of Phase I ESAs may vary with regard to accuracy and completeness. Although Rincon believes the data sources are reasonably reliable, Rincon cannot and does not guarantee the authenticity or reliability of the data sources it has used. Additionally, pursuant to our contract, the data sources reviewed included only those that are practically reviewable without the need for extraordinary analysis.

Rincon has found evidence that hazardous materials or petroleum products exist at the subject property at levels likely to warrant mitigation. Rincon does not under any circumstances warrant or guarantee that not finding evidence of hazardous materials or petroleum products means that hazardous materials or petroleum products do not exist on the subject property. Additional research, including surface or subsurface sampling and analysis, can reduce the client's risks, but no techniques commonly employed can eliminate these risks altogether.

In addition, pursuant to ASTM E 1527-13 practice, our scope of services did not include any inquiries with respect to asbestos containing building materials, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to release of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, wetlands, or high voltage power lines. Note that an Asbestos and Lead Paint Survey prepared by Ninyo and Moore and dated July 23, 2003 is summarized below in the User Provided Information section of this report.

USER RELIANCE

Beach Oil Minerals Partners and Synergy Oil and Gas, LLC have requested this assessment and will use the assessment to provide information to the City of Long Beach for the purpose of preparing an Environmental Impact Report for said property. This Phase I ESA was prepared for use by Beach Oil Minerals Partners and Synergy Oil and Gas, LLC. In addition, pursuant to

Beach Oil Minerals Partners' and Synergy Oil and Gas, LLC's approval, we hereby authorize the City of Long Beach to rely on this assessment to the same extent as if the City of Long Beach were the original addressee thereof. This reliance is based solely upon the scope of work that we were authorized to perform and the reliance is subject to the limitations set forth in this report and our existing contract for professional services with Synergy Oil and Gas, LLC for this project. Rincon's limit of liability to the City of Long Beach is the fee that we charged Synergy Oil and Gas, LLC for the completion of this Phase I ESA. No other use or disclosure is intended or authorized by Rincon. Also, this report is issued with the understanding that it is to be used only in its entirety. It is intended for use only by the client, and no other person or entity may rely upon the report without the express written consent of Rincon.

SITE DESCRIPTION

Location

The subject property is a 33-acre property located east of Pacific Coast Highway and south of 2nd Street/Westminster Avenue in Long Beach, California (Figure 2, Site Map).

Subject Property and Vicinity General Characteristics

The site is currently occupied by an oil field consisting of producing, idle and vacant (possibly abandoned) oil wells, vacant land and the additional structures/features described below (Figure 3, Oil Field Map).

The subject property is located in an area that is primarily comprised of commercial land uses. Properties in the vicinity of the site include a small portion of the marina, a Best Western Hotel, a restaurant, Belmont Shores Mobile Estates residential area, AES Alamitos Electricity and Generating Power Plant, Seaport Marina Hotel, Mobil gas station, commercial /retail businesses within the Long Beach Marketplace; vacant land, oil wells, In & Out Hamburger restaurant and commercial / retail business within the Marina Pacifica Center. The current adjacent land uses are described in Table 1 and depicted on Figure 4, Adjacent Land Use Map.

Table 1 - Current Uses of Adjacent Properties

Area	Use
Northern Properties	Beach Oil Minerals Partners oil wells/production property (154-acre site).
Eastern Properties	Studebaker Road followed by AES Alamitos Electricity and Generating Power Plant (to the northeast). Vacant land and some oil wells to the east.
Western Properties	Mobil gas station, and commercial and retail businesses within the Long Beach Marketplace to the west;
Southern Properties	San Gabriel River to the south

Descriptions of Structures, Roads, Other Improvements on the Site

The site consists of the following structures:

- 22 producing and idle oil wells.
- Above and below ground pipelines, flares and other oil field related equipment.

- A tank battery area on the southern portion of the 33-acre subject property.
- One structure, an unknown concrete pad with electrical panels, pump, and piping, on the northern portion of the subject property.
- Numerous sets of transformers located throughout the 33-acre site.

According to an online website for the City of Long Beach, electricity for properties in the City of Long Beach is provided by Southern California Edison (SCE) and water and sewer service is provided by the City of Long Beach.

USER PROVIDED INFORMATION

As described in ASTM E 1527-13 Section 6, we provided a User Questionnaire to Synergy Oil and Gas, LLC and Beach Oil Minerals Partners for actual knowledge pertaining to the subject property to help identify recognized environmental conditions in connection with the property. Jim Leith, Field Operation Manager with Synergy Oil and Gas, LLC, on behalf of Beach Oil Minerals Partners, completed the User Questionnaire as provided by ASTM Appendix X3, prior to completion of the site reconnaissance. A copy of the completed questionnaire is included as Appendix 1.

Based on our review of the completed questionnaire, the user did not review the following sources of information and is unaware of information regarding the following:

- recorded land title records (or judicial records, where appropriate) that identify any environmental liens filed or recorded against the property
- recorded land title records (or judicial records, where appropriate) that identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law
- Title Report that identifies information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property

Based on our review of the completed questionnaire, the user is unaware of information regarding the following:

- specialized knowledge or experience related to the property or nearby properties
- reduction in value for the subject property relative to any known environmental issues
- obvious indicators that point to the presence or likely presence of releases at the property
- pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site
- pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site
- notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products

Based on our review of the completed questionnaire, the user identified commonly known or reasonably ascertainable information pertaining to the subject property that my help identify recognized environmental conditions in connection with the property. This information is summarized below:

- The past use of the subject property includes oil production.
- Chemicals used in oil production are present on the subject property.
- PCB releases have occurred at the subject property.
- Remediation of PCBs has occurred at the subject property.

PREVIOUS ENVIRONMENTAL ASSESSMENTS

Two Previous Phase I ESA assessments have been conducted for the approximately 190-acre property (formerly known as the Bixby Ranch Company "A" Lease) that included the 33-acre subject property and the adjacent 154-acre BOMP parcel:

- *Rincon Consultants, Inc., Phase I ESA, 190 Acre Parcel, Pacific Coast Highway, Long Beach, California, July 12, 2007*
- *Rincon Consultants, Inc., Phase I ESA, LCW Oil Operations, LLC- Bixby Ranch "A", 6433 East 2nd Street, Long Beach, California, June 3, 2010*

Additional documents pertaining to the 190-acre property (formerly known as the Bixby Ranch Company "A" Lease) that included the 33-acre subject property and the adjacent 154-acre BOMP parcel were provided by Bixby Ranch Company during the preparation of the 2007 Phase I ESA. These documents included the following:

- *1992 Site Investigation report*
- *2003 Abandoned Well Documents*
- *2003 Asbestos and Lead-Based Paint Survey*
- *2003 Water Quality Research Report*
- *2003 File Review Report*
- *2003 Phase II ESA Report*
- *2004 Clean-Up Cost Estimate.*

Following is a summary of the findings of the documents provided by Bixby Ranch Company during the preparation of the 2007 Phase I ESA. These reports all include the 33-acre subject property and the adjacent 154-acre BOMP parcel as the collective "Site".

International Technology Corporation, "A" Lease Site Investigation report, September 22, 1992

The site investigation was conducted to evaluate the vertical and lateral extents of petroleum hydrocarbon contaminated soil in areas ("mud pits") typically used for spent drilling fluids, drill cuttings, and crude oil. The contamination is associated with Conoco's drilling, redrilling, or deepening of 50 oil wells that occurred during their lease of the Site from January 1, 1951 to December 31, 1986. During the site investigation, 46 oil well locations and an abandoned tank

farm were sampled for numerous constituents to determine the locations of the mud pits. Four wells were located under a parking lot and restaurant offsite and were not investigated. Results indicate that petroleum hydrocarbons were detected in 37 of the 46 oil well locations (mud pit areas) and at the abandoned tank farm. The report also indicated that the total volume of contaminated soil was estimated to be 10,002 cubic yards.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, Abandoned Well Documents, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California, May, 2003

According to the Abandoned Well Documents provided to Rincon by Bixby Ranch Company and prepared by DOGGR, a total of 22 wells have been abandoned on the undeveloped portions of the Seal Beach Field Bixby "A" Lease from 1926 through 1998.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, Asbestos and Lead-Based Paint Survey, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California, July 23, 2003

According to the Asbestos and Lead Paint Survey prepared by Ninyo and Moore and dated July 23, 2003, 65 building material samples were collected from the office building, north shed, south shed, and chicken coop area and were analyzed for asbestos containing materials and 373 x-ray fluorescence (XRF) readings were collected for potential lead-based paint from the office building, north shed, and south shed. According to the survey, results for the areas sampled indicate that asbestos containing materials and lead based paint had been identified in the office building, north shed, and south shed areas. Ninyo and Moore provided the following recommendations and precautions:

- The identified asbestos containing materials should not be disturbed. Prior to renovation or demolition work, which would disturb identified asbestos containing materials, a licensed asbestos abatement removal contractor should remove the asbestos containing materials.
- The identified lead based paint should not be disturbed. Any lead based paint in a non-intact condition should be abated and the component properly encapsulated. Prior to demolition work, which would disturb identified lead based paint, a licensed lead abatement removal contractor should remove the lead based paint.
- Applicable laws and regulations should be followed, including those provisions requiring notification to building occupants, renovation contractors, and workers in the presence of asbestos and lead based paint.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, Water Quality Research Report, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California, September 3, 2003

The Water Quality Research Report prepared by Ninyo and Moore indicates that based on the Basin Plan, the subject property is in the San Gabriel River Watershed. Ninyo and Moore concludes that based on the previous review of the Basin Plan and on the fact that the site is located in a coastal wetlands, the natural site waters have no existing, potential, or intermittent

beneficial use for municipal and domestic supply; agricultural supply; or groundwater recharge and it is unlikely that the natural waters are potable in an untreated/unprocessed state.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, File Review Report, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California, September 22, 2003

A file review report was prepared by Ninyo and Moore (September 22, 2003). The file review included an interview with a City of Long Beach representative and files reviewed from the City of Long Beach Hazardous Materials Management Department and the Los Angeles Regional Water Quality Control Board (LARWQCB).

According to the file review report, the department representative was unable to provide site-specific information, however, copies of some files for a LARWQCB oil field case were reviewed and provided some insight as to proposed clean-up levels approved by the LARWQCB for another site in Long Beach. The City of Long Beach uses Table 4-1 in the LARWQCB's interim Site Assessment & Cleanup Guidebook, dated May 1996 as cleanup goals for oil field sites. Table 4-1 reportedly states the TPH maximum screening level for C_{23} - C_{32} hydrocarbons is 50,000 mg/kg, assuming the Site is underlain by a non-drinking water aquifer. The representative also mentioned that the City of Long Beach provides oversight to those cases which are small; ones that consist of one to two oil wells.

According to the Ninyo and Moore file review report, files for oil fields cases the size of the site were not located by the LARWQCB, however, case files for 3 underground storage tanks (USTs) were reviewed. These properties included the Marina Shipyard at 6400 Marina Drive, a Chevron station at 300 West Ocean Boulevard, and an ARCO station at 3955 East Ocean Boulevard. The report concluded that that based on the results of the Ninyo and Moore file reviews, "GeoTracker" review, agency reviews, and because groundwater beneath the site is not considered a drinking water source, Ninyo and Moore expects the site's oversight agency to set the TPH clean-up levels using Table 4-1, carbon range greater than $C_{23,}$ and distance above groundwater greater than 150 feet or similar to Table 4-1. Ninyo and Moore indicated that the clean-up levels for the site could range from 10,000 to 50,000 mg/kg TPH for a residential scenario.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, Phase II ESA, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California, October 30, 2003

According to the Phase II Environmental Site Assessment (ESA) Report prepared by Ninyo and Moore and dated October 30, 2003, the Site has been developed as an oil field from at least 1928. The Phase II ESA Report addresses the following Recognized Environmental Conditions (RECs): data gaps identified in a previous report prepared by IT Corporation; the presence of well sumps in the vicinity of accessible wells and abandoned wells not investigated by IT; and the presence of contamination in the vicinity of other RECs not previously addressed. An additional nine areas identified as other RECs were also addressed in the report. Areas identified as other RECs include the tank battery areas, the former cooling towers, a gas meter, a Southern California Edison substation, the water treatment units, the compressor pad, the former wastewater disposal area, the transformers, and a drum storage area.

Numerous soil samples were collected and analyzed from all areas discussed above. Soil sample results indicate that Total Recoverable Petroleum Hydrocarbon (TRPH) impacted soil has been delineated to a concentration of 10,000 mg/kg in the vicinity of 22 wells and Tank Farm 1. Soil sample results in 27 well sump areas indicate that TRPH-impacted soil has been delineated to a concentration of 10,000 mg/kg in the vicinity of 29 well locations. Soil sample results for areas identified as other RECs indicate that concentrations of metals, Polychlorinated Biphenyls (PCBs), and Volatile Organic Compounds (VOCs) were non detect in excess of their respective 2002 residential PRG with the exception of arsenic and mercury. According to Ninyo and Moore's review of the Kearney Foundation Special Report, Background Concentrations of Trace and Major Elements in California Soils dated March, 1996, these arsenic concentrations are detected within normal background concentrations for Californian soils. Based on results, TRPH impacted soil has been delineated to a concentration of 10,000 mg/kg in the vicinity of the RECs. According to the report, no further assessment activities were recommended at this time, however, completion of a cost analysis was recommended to remediate the site to residential levels.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, Clean-Up Cost Estimate, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California, January 14, 2004

According to the Clean-Up Cost Estimate prepared by Ninyo and Moore and dated January 14, 2004, based on site research completed to date, clean-up goal expected to be required by oversight agencies for residential use is 10,000 mg/kg. According to Ninyo and Moore, it is likely oversight agencies will approve leaving the materials in place because the bulk of the TRPH-impact at the subject property has a carbon chain length of greater than C_{36}. Additionally, on September 23, 2003, Ninyo and Moore prepared a letter discussing water quality at the site and concluded that groundwater is not beneficial for drinking water purposes, therefore groundwater remediation is not expected to be required.

In addition, during the preparation of the 2010 Phase I ESA the following reports were provided by LCW Oil Operations, LLC.

- Rincon Consultants, Inc., *PCB in Soil Assessment, Bixby LCW Oil Operations, LLC, Bixby Ranch "A", 6433 East 2nd Street, Long Beach, California*, April 24, 2009
- Rincon Consultants, Inc., *PCB in Soil Assessment, Bixby LCW Oil Operations, LLC, Bixby Ranch "A", 6433 East 2nd Street, Long Beach, California*, December 4, 2009
- Rincon Consultants, Inc., *PCBs Remedial Excavation Report, Bixby LCW Oil Operations, LLC, Bixby Ranch "A", 6433 East 2nd Street, Long Beach, California*, March 26, 2010

These reports all include the 33-acre subject property and the adjacent 154-acre BOMP parcel as the collective "Site". Following is a summary of the reports provided by LCW Oil Operations, LLC.

2009 and 2010 PCBs in Soil Assessments and Remedial Excavation Reports

The United States Environmental Protection Agency (USEPA) received a complaint that polychlorinated biphenyls (PCBs) may have been spilled at transformer locations on the Site. On behalf of LCW Oil Operations, LLC, Rincon prepared a site assessment work plan for the Bixby Ranch "A" site to respond to the EPA's directive to perform an assessment of the areas near the transformers. Rincon prepared a work plan dated March 19, 2009 and submitted it to the USEPA for approval.

Upon the USEPA approval of the work plan, Rincon personnel mobilized to the site on April 2, 2009 accompanied by Mr. Dan Haag of Ecology and Environment, Inc. (ENE) who is a subcontractor for the USEPA. Three transformer locations were sampled. One location (#1) was located on the 33-acre subject property. Concentrations of PCB-1260 were reported in four of the nine samples collected at the Site. Concentrations of PCB-1260 ranged from 0.041 milligrams per kilogram (mg/kg) to 21 mg/kg. All other PCB analytes were below their respective detection limits.

Based on these results, the USEPA required additional sampling at the site. The purpose of the additional assessment was to determine the extent of PCBs in soil in the vicinity of electrical transformers and in dielectric fluid inside the existing electrical transformer used in the oil filed.

On October 12th, 13th and 19th 2009, 114 borings were advanced in the vicinity of the 13 transformers located on the Site that are not labeled non PCB containing transformers. Four of the transformers (T-13, T-14, T-15 and T-16) were located on the 33-acre subject property. Soil samples were collected at 0.5 and 1.5 feet below ground surface in all of the borings. On October 26th and 27th, 2009, 37 dielectric fluid samples were collected and analyzed from 37 transformers located within the 13 transformer pad locations.

The soil samples, dielectric fluid samples, and equipment blank water samples were transported to American Scientific Laboratories, LLC of Los Angeles, California under chain-of-custody documentation. Six equipment blank water samples, 42 dielectric oil samples and 248 soil samples were analyzed for PCBs by GC/ECD by EPA Methods 3580A and 8082. Pursuant to 40 CFR 761.272, the extraction method for the PCB analysis used was 3500/3540C or 3500/3550B. The detection limit for the PCBs in soil was at or below 10 micrograms per kilogram (µg/kg).

A total of 228 soil samples were collected and analyzed from the site. Twenty duplicate soil samples and six equipment blanks were also collected and analyzed. PCB-1260 was detected in 34 of the 228 soil samples analyzed from the site. PCB-1254 was detected in 25 of the 228 soil samples analyzed from the site. Concentrations of PCB-1260 ranged from non detectable to 24,000 µg/kg. Concentrations of PCB-1254 ranged from non detectable to 403 µg/kg. All other PCB analytes were below their respective detection limits.

A total of 37 dielectric fluid samples were collected and analyzed from the site. Five duplicate samples were also collected and analyzed. PCB-1260 was detected in six of the 37 samples. PCB-1260 ranged from non detectable to 60,600 µg/kg. All other PCB analytes were below their respective detection limits. PCB-1254 was not detected in the dielectric fluid samples.

PCBs were detected at eleven of the thirteen transformer locations sampled and analyzed from the site. The depth of the contamination was primarily confined to near the surface. Approximately 62% of the soil samples with PCBs were from the soil samples collected from 0.5 feet below ground surface. Generally, the concentrations of PCBs decreased with depth. The highest concentrations of PCBs were detected in the soil samples collected in the vicinity of Location T-16. Other than at transformers T-10 and T-14, when detected, all of the detected PCBs at a specific transformer location were exclusively PCB 1254 or 1260. Transformer location T-10 and T-14 were the only areas that had both PCB 1254 and 1260.

The United States Environmental Protection Agency (USEPA) directed that soils having PCB concentrations above 1 milligram per kilogram (1 mg/kg) be removed and disposed offsite. Soil samples with PCB concentrations near or above 1 mg/kg were detected in the following transformer areas: T-6, T-14, and T-16. Transformers T-14 and T-16 are located on the 33-acre subject property, whereas transformer T-6 is located on the western portion of the adjacent 154-acre subject property. Remedial excavations were performed between February 3, 2010 and February 9, 2010. Three areas (two locations at T-6 and one location at T-14) were excavated to approximately 3 feet below ground surface. Each excavation was approximately 10 feet wide by 10 feet long by 3 feet deep. At transformer location T-16, the excavation was completed to approximately 5 feet below ground surface and was approximately 30 feet wide by 40 feet long. All excavated soil was directly loaded into bins for transportation to the disposal facility. Once it was believed that sufficiently large excavation had occurred, a Rincon environmental scientist collected confirmation soil samples. Rincon collected soil samples from the base of each excavation. For T-6 and T-14, the soil samples were collected with a shovel from the bottom of the excavation. A baggie was used to collect the soil and the baggie was stored in a cooler with blue ice pending delivery to the analytical laboratory. The shovel was decontaminated between use by washing with a non-phosphate solution followed by two potable water rinses. The decontamination solution was placed in a drum pending disposal at a state licensed facility. For T-16, soil samples were collected directly from the bucket of the backhoe into baggies and stored in a cooler pending delivery to the analytical laboratory. The soil samples were transported to Associated Laboratories of Orange, California under chain-of-custody documentation. A total of 5 soil samples and one equipment blank sample were analyzed for PCBs by EPA Method 8082. PCBs were not detected in any of the 5 soil samples or the equipment blank. Therefore, the remedial excavations were deemed complete. A total of 214.99 tons of soil was removed from the site. The excavated soil was transported and disposed at Clean Harbors Buttonwillow LLC at 2500 West Lokern Road, Buttonwillow, California.

The USEPA issued a No Further Action letter for the PCB remedial excavation on February 24, 2010: *"LCW Oil Operators, LLC (LCW) have completed the removal of the hazardous substances from the property located at 6433 E. Second Street, Long Beach, California pursuant to the General Notice Letter issued on May 13, 2009. LCW has also completed the oil spill response operations pursuant to the Notice of Federal Interest issued on February 4, 2010. At this time no further actions are necessary, however, EPA reserves the right to require additional work at such time as additional contaminants may be discovered."*

RECORDS REVIEW

PHYSICAL SETTING SOURCES

Topography

The current USGS topographic map (Los Alamitos, California, 1981) indicates that the site is located within the City of Long Beach in Los Angeles County. The site and adjacent properties are situated at elevations between 5 to 15 feet above mean sea level. The site and adjacent properties are relatively flat. Overall, the topography surrounding the site very gradually slopes to the southwest. The San Gabriel River is located approximately 1,600 feet east from the eastern property boundary and approximately 200 feet south from the southernmost tip of the site. The Cerritos Channel borders the northern property boundary of the site and drains into Alamitos Bay. The Pacific Ocean is less than 1.25 miles southwest of the site.

Geology and Hydrogeology

The site is located within the Coastal Plain of the Los Angeles Basin in Los Angeles County. The landward portion of the Los Angeles Basin is bounded to the north by the Santa Monica Mountains, Elysian Hills and Repetto Hills, to the east by the Merced Hills, Puente Hills, and Santa Ana Mountains, and to the south and west by the Pacific Ocean. The Santa Monica Mountains are part of the Transverse Ranges Geomorphic Province that is characterized by east-west trending faults, folds and mountain ranges. The Santa Ana Mountains and adjacent hills are part of the Peninsular Ranges Geomorphic Province that is characterized by northwest-southeast trending faults, folds and mountain ranges. Both of these provinces are considered to be highly seismically active.

The faulting and seismicity of Southern California is dominated by the compressionary regime associated with the intersection of the San Andreas Fault Zone and the Garlock fault. The San Andreas Fault Zone separates two tectonic plates. The western side of the fault is the Pacific Plate and the eastern side of the fault is the North American Plate. The Western Plate is moving in a northwesterly direction relative to the North American Plate. The San Andreas Fault generally trends northwest-southeast. However, north of the Transverse Ranges Province, the fault trends more in an east-west direction, causing the fault's right-lateral strike-slip movement to produce north-south compression between the two plates. This compression has produced rapid uplift of many of the mountain ranges in Southern California. North-south compression in southern California has been estimated from 5 to 20 millimeters per year (SCEC, 1995). This crustal shortening is accommodated by faulting (mainly reverse faulting) and causes a large potential for seismicity throughout most of southern California. Faults of the northern Peninsular Ranges Province generally reflect reverse as well as strike slip faulting patterns, since the province is in a transitory position between areas dominated by strike-slip movement and by compression.

Associated with the rapid uplift of the mountains surrounding the Coastal Plain of the Los Angeles Basin is rapid sedimentation of the basin (DWR, 2003). Quaternary age (within the last 1.6 million years) unconsolidated and semi-consolidated sediments are over 1,000 feet thick in some localities of the Coastal Plain. The Quaternary sediments are underlain by Tertiary (1.6 to

65 million years old) age rocks. The Tertiary material is principally composed of marine sediments of the Pico, Repetto, Monterey, and Topanga formations that filled the basin when it was below sea level.

Site Geology

According to the Geologic Map of the Long Beach Quadrangle (California Geological Survey (CGS), 2003), the subject property is located within an area than contains Artificial fill (Af) of late Holocene age. Artificial fill at the site is consists of modern surficial deposits of fill resulting from human construction, mining, or quarrying activities, which includes engineered and non-engineered fill. Some large deposits are mapped, but in some areas no deposits are shown. Modern surficial deposits is defined as sediment that has been recently transported and deposited in channels and washes, on surfaces of alluvial fans and alluvial plains, and on hill slopes and in artificial fills. Soil-profile development is non-existent.

Additionally, a concealed portion of the northwest-southeast trending Newport-Inglewood Fault crosses the subject property. The location of the fault is further identified in the State of California Alquist-Priolo Earthquake Fault Map for the Los Alamitos Quadrangle. The Newport-Inglewood Fault is an active fault which has historically caused extensive property damage within the City of Long Beach.

As indicated on the State of California website1 the Earthquake Fault Zone Maps are distributed for their use in planning and controlling new or renewed construction. "Local agencies must regulate most development projects within the zones. Projects include all land divisions and most structures for human occupancy. Single family wood-frame and steel-frame dwellings up to two stories not part of a development of four units or more are exempt. However, local agencies can be more restrictive than state law requires." Typical setbacks for active faults is 50 feet.

Regional Groundwater Occurrence and Quality

According to California's Groundwater Bulletin 118 (California DWR, 2004), the site is located within the West Coast Subbasin. The West Coast Subbasin is a subbasin of the Coastal Plain of Los Angeles Groundwater Basin, which lies within the South Coast Hydrologic Region. The northern boundary of the subbasin is the Ballona Escarpment, an abandoned erosional channel from the Los Angeles River. According to the Department of Water Resources (DWR, 1999), the southern and western boundary of the subbasin is bound by the Pacific Ocean and consolidated rocks of the Palos Verdes Hills. The eastern edge of the subbasin is bound by the Newport-Inglewood Fault Zone. The surface of the West Coast Subbasin is crossed in the south by the Los Angeles River through the Dominguez Gap, and the San Gabriel River through the Alamitos Gap, both of which flow into San Pedro Bay. Average precipitation is 12 to 14 inches throughout the subbasin. Water-bearing deposits within the subbasin include the unconsolidated and semi-consolidated marine and alluvial sediments of Holocene, Pleistocene, and Pliocene ages. The dominant northwest-trending structural features in the West Coast Basin were formed by folding and associated faulting. The Newport-Inglewood fault zone is

[1] State of California Website - http://www.consrv.ca.gov/CGS/rghm/ap/index.htm

the major structural feature in the area, which forms the eastern boundary of the subbasin and is a partial barrier to groundwater movement in the area. The fault zone is marked by thinning, folding, and offsetting of the aquifers. Southeast of Signal Hill, Cherry Hill and Reservoir Hill faults of this zone act as barriers to groundwater movement in all aquifers (DWR, 1961). The Avalon-Compton fault acts as a barrier to below the Lynwood aquifer. Additionally, the Rosecrans and Dominguez anticline appear to act as partial barriers to groundwater movement (DRW, 1961). Discharge of groundwater primarily occurs due to pumping extractions (DWR, 1961). Groundwater level trends show that water levels have risen about thirty feet from levels measured before adjudication of the subbasin in 1961 (DWR, 1999). Water levels measured in 1999 were higher in the El Segundo and Dominguez gap areas from water levels of 1998 (DWR, 1999). The general regional groundwater flow pattern is southward and westward from the Central Coastal Plain toward the ocean.

Based on file reviews conducted in the vicinity of the subject property, groundwater is reportedly present at 8 to 25 feet below grade. In addition, groundwater on the northern adjacent 154-acre parcel likely flows toward the Cerritos Channel, while the groundwater beneath the 33-acre site reportedly flows in a southeast or southwest direction. It should be noted that the groundwater flow direction in this area of Long Beach is reportedly affected by tidal influences, causing groundwater flow direction to fluctuate.

STANDARD ENVIRONMENTAL RECORD SOURCES

Environmental Data Resources, Inc. (EDR) was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the subject property and included data from surrounding sites within specified radii of the property. A copy of the EDR report, which specifies the ASTM search distance for each public list, is included as Appendix 2. As shown on the attached EDR report, federal, state and county lists were reviewed as part of the research effort. Please refer to Appendix 2 for a complete listing of sites reported by EDR and a description of the databases reviewed.

The Map Findings Summary, included in the EDR report, provides a summary of the databases searched, the number of reported facilities within the search radii, and whether the facility is located onsite or adjacent to the subject property. The following information is based on our review of the Map Findings Summary and the information contained in the EDR report.

Subject Property

The subject property was listed in several databases searched by EDR. These listings are further described below.

Offsite Properties

Offsite properties listed by EDR fall under two general categories of databases: those reporting unauthorized releases of hazardous substances (e.g., LUST, National Priority List [a.k.a. Superfund sites], and corrective action facilities), and databases of businesses permitted to use hazardous materials or generate hazardous wastes, for which an unauthorized release has not been reported to a regulatory agency.

Rincon reviewed the EDR Radius Map and select detailed listings to evaluate their potential to impact the subject property, based on the following factors:

- Reported distance of the facility from the subject property
- The nature of the database on which the facility is listed, and/or whether the facility was listed on a database reporting unauthorized releases of hazardous materials, petroleum products, or hazardous wastes
- Reported case type (e.g., soil only, failed UST test only)
- Reported substance released (e.g., chlorinated solvents, gasoline, metals)
- Reported regulatory agency status (e.g., case closed, "no further action")
- Location of the facility with respect to the reported groundwater flow direction (discussed in the Geology and Hydrogeology section of this report)

Facilities/properties that were interpreted by Rincon to be of potential environmental concern to the subject property, based on one or more of the factors listed above, are summarized in Table 2. In accordance with ASTM, contamination migration pathways in soil, groundwater, and soil vapor were considered in our analysis of offsite properties of potential environmental concern.

Table 2 - EDR Listing Summary of Select Sites within One-Eighth Mile of the Subject Site

Site Name	EDR Site ID	Site Address	Distance from Subject Property (miles)	Database Reference
Subject Property				
Synergy Oil & Gas, LLC, Breitburn Energy Co., LCW Oil & Gas, LLC, Long Beach Water Dept., Breitburn Operating, LP, LCW Partners Oil & Gas, Conoco Inc., LCW Bixby Field,	A1-21 B22-31	E. 2nd St. at Shopke, 6401 E. 2nd St., 6433 Westminster Ave., 6433 E. 2nd St.	33-Acre Subject Property and Adjacent 154-acre BOMP Property	UIC, CHMIRS, RCRA-SQG, FINDS, HIST UST, EMI, ERNS, CERCLIS, HAZNET, LA CO. HMS
Adjacent Properties				
Market Place Sanitary Landfill, City Dump and Salvage #2	J71, 78	6501 Pacific Coast Highway / 7001-7199 Pacific Coast Highway (North of San Gabriel River)	Adjacent Property – west	**LDS**, **WMUDS/SWAT, SWF/LF**
6615 East Pacific Coast Highway	I69	6615 East Pacific Coast Highway	Adjacent Property – west	Hist Auto Stat
J's Cleaners & Laundry	J79-80	6481 E. Pacific Coast Highway	Adjacent Property –west	EDR Historic Cleaner, **SLIC**
EPTC-Alamitos, SCE-Alamitos, Alamitos Staton	H62-65	692 N. Studebaker Road	Adjacent Property – NorthEast	AST, **ENVIROSTOR**, HAZNET, HWP, NPDES, Deed, VCP
LAWP Haynes Generating Station, LA City DWP HAYNES STM PLT	M86-88	6801 Westminster Ave.	Adjacent Property – East	Toxic Pits, UST, WDS, WMUDS/SWAT, HIST UST, EMI
LA County Flood Control Dump	N98	SW Westminster Avenue and Pacific Coast Highway	Adjacent Property – West	SWF/LF

Site Name	EDR Site ID	Site Address	Distance from Subject Property (miles)	Database Reference
Nearby Properties				
Studebaker-Loynes Disposal, Studebaker-Cerritos Channel, City Dump and Salvage #4	50, H66-68	Loynes Dr. and Studebaker St.	Nearby- Northeast	**WMUDS/SWAT, SWF/LF**
Loynes Beach Partners LLC	41	400 N Studebaker Road	Nearby Property-Northeast	ENVIROSTOR
City Dump & Salvage No. 1 and 3	C32-33	6363 E. Pacific Coast Highway	Nearby -North	**WMUDS/SWAT**, **SWF/LF,** UST
Termo Co – Seal Beach Lease, Termo Oil Site	34, C35	6301 E. Pacific Coast Highway	Nearby -North	NPDES, **SLIC**
Marina Pacifica Mall	D36-37	6300 E. Pacific Coast Highway	Nearby Property – northWest	**SLIC**
Chevron #9-0016, Oberjuger's Al Service, Dave's Marina Chevron,	E43-48	6301 Westminster Ave.	Nearby Property –west	Hist Auto Stat, RCRA-SQG, FINDS, HIST CORTESE, **LUST**, HAZNET
ExxonMobil Oil Corporation 13005, Mobil SS#18-BT, Exxon RIS #73047, Carl's Exxon	E51-54, E59	6401 E. Pacific Coast Highway	Nearby Property –west	RCRA-SQG, FINDS, HIST CORTESE, **LUST**, HIST UST, FID UST, SWEEPS UST, UST, Historic Auto Station
Tosco- 76 Station, Unocal Service Station #5379	E56-58	6280 E. 2nd St.	Nearby Property –west	**LUST**, UST, HIST CORTESE SWEEPS UST, HIST UST
Marine Maintenance, Alamitos Bay Marina, Maintenance Yard	G60-61	6204 E. 2nd St.	Nearby Property – west	RCRA-LQG, HIST UST, HIST CORTESE, **LUST**, UST
Marina Pacifica Homeowners Association	G70	6201 E. 2nd St.	Nearby Property –west	Hist UST
Marina Shipyard, Indell Engineering	K94-97	6400 Marina Drive	Nearby Property –west	FID UST, SWEEPS UST, RCRA-SQG, FINDS, HAZNET, HIST UST, HIST CORTESE, **LUST**, EMI, WDS
City of Long Beach	101	6201 Westminster Ave.	Nearby Property – West	UST

33-Acre Subject Property and Adjacent 154-Acre BOMP Property

The subject property was listed as a UIC, CHMIRS, RCRA-SQG, FINDS, HIST UST, EMI, ERNS, CERCLIS, HAZNET, LA CO. HMS, WMUDS/SWAT and SWF/LF site in the databases searched by EDR. The UIC database is a listing of wells identified as underground injection wells in the California Oil and Gas Wells database. The subject property is also listed in the historic UST database. According to the EDR report a 7,000-gallon UST containing waste oil was located on the subject property. The EDR report also indicated the following regarding spills/release incidents at the site:

- On March 28, 2006, an unknown oil material (10 barrels) mixed with produced water (30 barrels) had spilled onto soil from a punctured above ground storage tank in a tank farm. Remedial action included a clean-up crew onsite and a contractor was hired.

- In July 2007, an internal flow line at the facility broke resulting in a discharge of crude oil and produced water (approximately 1 barrel) onto the ground.
- On February 4, 2010, an unknown amount of grease was released as follows: *"the sheen was caused by pipe grease dropped on a pipe. The area is being cleaned up and an EPA coordinator is on the scene."*
- On February 15, 2010, an unknown amount of crude oil was released as follows: *"a pinhole leak on the production line of an oil well resulted in the release of substance onto private property. The line has been clamped and booms are being placed to contain substance."*

Additionally, the subject property is listed as a generator of hazardous waste, and a PCB removal site (which affected both the 33-acre subject property and the adjacent 154-acre BOMP parcel). Further information regarding the PCB removal is described above in the Previous Environmental Assessments Section of this report.

Adjacent and Nearby Properties

Fifteen surrounding properties located within one-eighth of a mile were listed on release databases such as LUST, SLIC, CLEANUP SITES, and landfill databases such as WMUDS/ SWAT and SWF/LF databases. Following is a summary of these 14 sites.

1. ***Market Place Sanitary Landfill/ City Dump and Salvage #2 – 6501 East Pacific Coast Highway and 7001-7199 Pacific Coast Highway (North of San Gabriel River), Long Beach, California:*** City Dump and Salvage #2 (Figure 5, Landfill Site Map) located at 6501 East Pacific Coast Highway, west of the subject property, was identified as a Land Disposal Site (LDS), SWF/LF and WMUDS/SWAT site in the databases searched by EDR. Specifically, the report indicated that the site is a solid waste landfill with a closed operational status and regulatory status is to be determined.
2. ***J S Cleaners and Laundry - 6481 East Pacific Coast Highway, Long Beach, California:*** JS Cleaners located at 6481 East Pacific Coast Highway, west of the subject property, was identified as a SLIC site in the databases searched by EDR. Specifically, the report indicated that volatile organic compounds (VOCs) are present and the site is listed in a case closed status.
3. ***EPTC-SCE-Alamitos Facility – 690 Studebaker Road, Long Beach, California: AES Alamitos, LLC Facility***, located at 400 North Studebaker Road, northeast of the subject property, was identified on the ENVIROSTOR database.
4. ***Haynes Generating Station - 6801 Westminster Avenue, Long Beach, California:*** Haynes Generating Station located at 6801 Westminster Avenue, southeast of the subject property, was identified as a WMUDS /SWAT site in the databases searched by EDR. Specifically, the report indicated that the facility was a land disposal site.
5. ***LA County Flood Control Dump– SW Westminster Avenue and Pacific Coast Highway, Long Beach, California:*** LA County Flood Control Dump, located at Westminster Avenue and Pacific Coast Highway, west of the subject property, was identified as a SWF/LF site in the databases searched by EDR. Specifically, the report indicated that the site is a solid waste disposal site with a closed operational status and pre-regulations regulatory status.
6. ***Loynes Beach Partners LLC – 400 N Studebaker Road, Long Beach, California:*** Loynes Beach Partners LLC, located at 400 North Studebaker Road, northeast of the subject property, was identified on the ENVIROSTOR database. Specifically, the report

indicated the past use of above ground storage tanks, with the potential contaminant of concern as PCBs, and the site is listed in a corrective action status.

7. ***Studebaker-Loynes Disposal, Studebaker-Cerritos Channel, City Dump and Salvage #4-Lynes Drive and Studebaker Street-*** The landfill is identified as the Studebaker/Loynes Disposal Site or City Dump and Salvage #4 (Figure 5, Landfill Site Map) located north of the subject property, was identified as a WMUDS/SWAT site in the databases searched by EDR and has a closed operational status. Annual inspections are conducted at the landfill.
8. ***Exxon #7-3047 (former) - 6401 East Pacific Coast Highway, Long Beach, California:*** Exxon #7-3047 (former) located at 6401 Pacific Coast Highway was identified as a LUST site in the databases searched by EDR. Specifically, the report indicated that a gasoline leak from an unknown source had occurred. The site is listed in remedial action status.
9. ***Termo Oil Site - 6301 East Pacific Coast Highway, Long Beach, California:*** Termo Oil Site/Termo Oil Company located at 6301 Pacific Coast Highway was identified as a SLIC site in the databases searched by EDR. Specifically, the report indicated that there was a release of total petroleum hydrocarbons and verification monitoring is underway. The site is listed in a post remediation monitoring status.
10. ***Chevron #9-0016 - 6301 Westminster Avenue, Long Beach, California:*** Chevron #9-0016 located at 6301 Westminster Avenue was identified as a LUST site in the databases searched by EDR. Specifically, the report indicated that on October 16, 1987, a gasoline leak was discovered during subsurface monitoring. A containment barrier was installed to block vertical movement. The site is listed in a case closed status.
11. ***Marina Pacifica Mall - 6300 East Pacific Coast Highway, Long Beach, California:*** Marina Pacifica Mall located at 6300 East Pacific Coast Highway, west of the subject property, was identified as a SLIC site in the databases searched by EDR. Specifically, the report indicated that the site is in a case closed status and no further action is required.
12. ***City Dump and Salvage #1 and #3 - 6363 East Pacific Coast Highway, Long Beach, California:*** City Dump and Salvage #1 and #3 (Figure 5, Landfill Site Map) located at 6363 East Pacific Coast Highway at Loynes Drive, north of the subject property, was identified as a WMUDS/SWAT site in the databases searched by EDR. Specifically, the report indicated that the site is in a closed operational status.
13. ***Tosco/76 Station #5379 (former) - 6280 East 2nd Street, Long Beach, California:*** Tosco/76 Station #5379 (former) located at 6280 East 2nd Street was identified as a LUST site in the databases searched by EDR. Specifically, the report indicated that a gasoline leak had occurred and the site is listed in remedial action status.
14. ***Marina Shipyard - 6400 Marina Drive, Long Beach, California:*** Marina Shipyard located at 6400 Marina Drive was identified as a LUST site in the databases searched by EDR. Specifically, the report indicated that a hydrocarbon leak into soil had occurred. The site is listed in case closed status.
15. ***Alamitos Bay Maintenance Yard – 6204 East 2nd Street, Long Beach, California :*** Alamitos Bay Maintenance Yard, located at 6204 East 2nd Street, west of the subject property, was identified as a LUST site in the databases searched by EDR. Specifically, the report indicated that on August 31, 1987, a gasoline leak was discovered during subsurface monitoring. The site is listed in a case closed status.

Orphan Listings

EDR reported 4 orphan or unmapped site listings, which EDR is unable to plot due to insufficient address information. Based on Rincon's review of the limited address information or site descriptions for the orphan listings, none of the listings are expected to impact the subject property.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Review of Agency Files

During the preparation of the previous 2007 Phase I ESA, we reviewed documents provided by the Los Angeles County Department of Public Health, the City of Long Beach Environmental Health Department and the Los Angeles Regional Water Quality Control Board (LARWQCB) pertaining to database listings for the subject property, adjacent properties and nearby properties listed in the environmental database report. Additional documents for Exxon #7-3047 (Former) and Tosco-76 #5379 (Former) provided and maintained online by the RWQCB (GeoTracker) were also reviewed. Copies of portions of the documents reviewed are in Appendix 2. The following is a summary of our review of the available documents.

Adjacent /Nearby Properties

City Dump and Salvage # 4, Northwest of Studebaker Road/Loynes Drive, Long Beach, California

This City Dump site was located on the northeastern portion of the adjacent 154-acre BOMP property (about 500 feet north of the 33-acre subject property). A document dated April 3, 1981 by the City of Long Beach, indicates that the Studebaker/ Loynes Disposal Site (Permit # 19-AK-002) was closed in mid-April of 1980. The disposal waste was placed in an existing depression area, compacted and covered with new soil in conformance with the slope and final cover requirements. The disposal site is now surrounded by a chain link fence and locked gate. The site is to be dedicated as the location of a city park.

A Closed, Illegal, and Abandoned Sites Identification Form dated November 5, 1991, indicates that the former City Dump and Salvage # 4 waste type is Class II (household and commercial refuse such as cans, metals, paper products, lawn clippings, sod, shrubs, garbage, market refuse, ashes and inert solid materials such as rock, gravel, asphalt, earth, brick, glass, plaster products, rubber, and street sweepings) and topography at the site is flat. An attachment to the form indicates that the land use in the area consists of residential, commercial and industrial.

According to an undated SCS Engineers report, City Dump and Salvage #4 occupies a portion of the Studebaker/Cerritos Channel site and is located near the intersection of Loynes Drive and Studebaker Road in Long Beach. The landfill occupies 4 of the 9-acre site, which includes a narrow strip along the eastern subject property line (adjacent to Studebaker Road), as well as two smaller, isolated areas adjacent to the Cerritos Channel. The report indicates that according to DPW records, approximately 160,000 cubic yards of waste materials were landfilled during the 1960s. Materials deposited at the landfill included residential, commercial and demolition wastes. No reported liquid or hazardous wastes were deposited at the site and maximum depth to refuse is estimated to be 25 feet. The report indicates that the land is presently used for oil production (there are active wells and a maintenance shed west and southwest of the former

refuse fill). Lands north and west of the landfill (in the vicinity of Cerritos Channel) are at present considered to be degraded wetlands. Based on the description of the landfill location and areas around the site, it appears that the former City Dump and Salvage #4 is present on the far northeastern border of the of the subject property (see Figure 5- Landfill Site Map).

City Dump and Salvage # 1 - 6363 Pacific Coast Highway, Long Beach, California

This City Dump site was located about 3,500 feet northwest of the 33-acre subject property. According to the International Technology Corporation (IT) report dated March 31, 1988, City Dump and Salvage #1 is located at 6363 East Pacific Coast Highway. City Dump and Salvage #1 is also known as Loynes-Bixby Village Disposal Site and Loynes-Bixby Village Landfill. According to the report, groundwater beneath this site ranges in depth from 10 to 25 feet below ground surface. The landfill began operations in 1949 and ceased operations in 1956. Based on studies by SCS Engineers (1977), there is approximately 2 to 4 feet of cover soil over the waste. The report also indicates that a golf course occupies the majority of the landfill area north of Loynes Drive. The former City Dump and Salvage #1 is located approximately 1,700 feet north of the subject property (see Figure 5- Landfill Site Map).

According to a report by SCS Engineers dated November 27, 1995, groundwater monitoring wells were installed and sampled at City Dump and Salvage #1 in 1988 and 1989 by IT as part of a Water Quality Solid Waste Assessment Test (Water SWAT). Low concentrations VOCs, base/neutral/acid extractable compounds, pesticides, and trace metal were detected up and down gradient of the landfill during Water SWAT monitoring. According to the results from five groundwater monitoring wells sampled by SCS Engineers during the 1995 Water SWAT, groundwater flow was to the north and VOCs and pesticides were non-detect. Arsenic, barium, and cadmium were detected at concentrations above drinking water Maximum Contaminant Levels (MCLs) in two wells, however, concentrations of these metals do not appear to be indicative of a landfill source. According to the report, the landfill does not appear to be a significant source of pesticides, VOCs, or trace elements.

City Dump and Salvage # 1 and # 3 (landfills are grouped together per Los Angeles County Department of Public Health), West of Pacific Coast Highway, North of Loynes Drive in Long Beach, California

This City Dump site was located about 2,500 feet northwest of the 33-acre subject property. According to a document by SCS Engineers dated January 22, 1996, operation monitoring and maintenance of Landfill Gas (LFG) Migration was being performed at the Bixby Village Golf Course (see Figure 5- Landfill Site Map). According to SCS Engineers, the gas control facilities were performing satisfactory with the exception of two monitoring wells at the time of testing, however, continual operation of the LFG migration control air injection system and daily routine checks of the air injection blower is recommended.

According to a document dated July 12, 2000, the Los Angeles County Department of Health Services Solid Waste Management Program (SWMP) is now the Local Enforcement Agency (LEA) responsible for permitting, inspecting, and/or enforcement of applicable regulations at all active solid waste faculties and closed, illegal, inactive, and abandoned disposal sites within its jurisdiction, which includes City Dump and Salvage #1 and #3.

According to a document prepared by Methane Specialists dated July 25, 2003, Whalers Cove residential community located north of Loynes Drive and west of Pacific Coast Highway

(former salvage dump areas #1 and #3) is currently being monitored monthly due to the presence of methane gas.

According to a document prepared by Methane Specialists dated June 22, 2005, Belmont Shores Mobile Estates, Golden Sails Marina, and the Lamp restaurant properties were all built over an sanitary landfill area (former salvage dump areas #1 and #3). The document states that the State of California is conducting extensive monitoring and a long-term investigation of the sites mentioned above to determine if and where landfill gases are building up within the landfill, and where leakage through the clay cap is occurring. Methane Specialists has been responsible for monthly monitoring of methane gas at Belmont Shores Mobile Estates since 1997.

According to a document prepared by Jacmar Companies dated July 24, 2006 to the Department of Health Solid Waste Management, indicated that a Closed Disposal Site Inspection Report for 6251 East Pacific Coast Highway, Long Beach, CA, leased to Golden Sails Hotel and sub-leased to Gaslamp Restaurant was received. The document also indicated that Alamitos Bay Partnership, LLC is currently working with Methane Specialists on the methane issue and submittal of plans for a continuous methane gas monitoring system are to be sent to the Department of Health Solid Waste Management.

According to a Closed Site Inspection Report dated September 27, 2006, City Dump and Salvage #1 and #3 (Golf Course) is listed with a facility location address of 6180 Bixby Village Drive. The report indicates that methane gas measurements were taken from vent pipes and at various locations throughout the site and no significant violations regarding methane gas emissions were observed at time of inspection.

According to the Whalers Cove Third Quarter September 2006 Methane Monitoring Report prepared by Methane Specialists dated October 3, 2006, methane monitoring at Whalers Cove was recently allowed to have methane monitoring performed on a quarterly basis instead of monthly. Due to modifications to the methane mitigation system in 2000 at Whalers Cove, methane results in various areas around the site have been non-detect based on the minimum detection limit of the RKI Eagle field sampling device of 1% Lower Explosive Limit. This is the first quarterly report submitted on the new program.

According to a proposal prepared by Methane Specialists dated October 18, 2006, the purpose of the proposal is to provide a comprehensive methane gas mitigation system design based on data collected by the Los Angeles Department of Health Services for the Gaslamp Restaurant and Golden Sails properties. The project consists of an existing building built adjacent to a closed landfill identified as City Dump and Salvage #1 and #3. The goal is to eliminate methane seepage using physical barriers and a monitoring system as well as sporadic monitoring will be employed to ensure that methane gas seepage at the site is reduced to safe levels.

City Dump and Salvage # 2, Pacific Coast Highway and the San Gabriel River, Long Beach, California

This City Dump site was located adjacent to the west-southwest of the 33-acre subject property. According to a report dated June 30, 1987, a geotechnical study (Moore and Taber, 1986) performed in 1986 indicated that the landfill located at the intersection of Pacific Coast Highway and the San Gabriel River (City Dump and Salvage #2) may contain hazardous substances. Bixby Ranch Company contracted IT Corporation to perform a preliminary site assessment of the landfill. The landfill sits on approximately seven acres of land and occupies about three of those acres. The landfill was known to contain materials such as newspaper,

plastic, metal, wood, glass, plant debris, rubber tubes and tires, grass clippings, leaves and branches and other substances. According to the report, depth to refuse ranged from 5 feet to 33 feet throughout the landfill. Groundwater was encountered in test borings at about 13 to 18 feet below the ground surface (Moore and Taber, 1986). According to the report, groundwater beneath the site is mostly seawater and the gradient of the groundwater table is approximately zero. Water level measurements taken from a well over a period of three days indicates that groundwater fluctuates with the oceanic tides, but with a lower amplitude. The IT Corporation concluded that the refuse in the landfill southeast of the Studebaker right-of-way contains lead. Reportedly, no other contaminants are present in the refuse material. Groundwater beneath the site is primarily sea water and does not constitute a source of drinking water, substances from the landfill do not appear to be migrating from the site to an appreciable extent, a SWAT is scheduled at the site and will determine if the landfill is leaking hazardous substances to the groundwater.

A report prepared by SCS Engineers dated February 1990 indicates that an Air Quality Solid Waste Assessment Test was conducted over the inactive City Dump and Salvage #2 during May, June, and July of 1989. According to the report, the landfill is located east of Pacific Coast Highway and north of the San Gabriel River at 6501 East Pacific Coast Highway. The Market Place site has since been developed into a commercial plaza consisting of several office buildings and a movie theater. According to the report, the approximate location of the former landfill surface has been paved over for use as a parking lot, a footprint area of an office building overlies buried refuse, and part of the landfill area lies on undeveloped land. Active and passive subsurface gas migration control measures have been employed by Bixby Ranch Company to prevent landfill gas migration into site structures. The report also mentioned that a network of subsurface gas monitoring wells and subsurface gas probes have been installed in natural soils surrounding the former landfill and below threatened structures and are monitored on a quarterly basis. One landfill gas sample and 15 ambient air samples were collected at approved monitoring locations and analyzed for methane, oxygen, nitrogen, and carbon dioxide. Methane was detected in the landfill gas sample at a concentration of approximately 40 percent by volume. Results from ambient air sampling conducted over three separate days indicated that tetrachloromethane, 1, 1, 1-trichloroethane, and trichloroethylene compounds were detected each day at concentrations above their respective detection limits. Tetrachloroethene was also detected on one day. According to the report, the above compounds were generally present at all locations, however, none of the above contaminants were detected in the landfill gas sample. It is questionable as to whether the contaminants detected are of landfill origin. Samples analyzed for total hydrocarbons as methane (TMHC) over unpaved areas of the land surface using a flame ionization detector (FID) never exceeded that of ambient air. Additionally, four existing gas migration probes were sampled using an FID. Results for the four probe samples were all below 100 parts per million (ppm). These levels are several orders of magnitude below the lower explosive limit for methane.

A report prepared by LARWQCB (April 20, 1994) indicates four findings for the Market Place Sanitary Landfill (City Dump and Salvage #2) based on the June 1989 Preliminary SWAT Report submitted by IT Corporation and quarterly groundwater monitoring performed between October 1988 and September 1989. Findings include 1) the site is located in flat, tidal marshland area within the Alamitos Gap, in an area of seawater intrusion. Groundwater at the site is influenced by the intermixing of freshwater from the adjacent San Gabriel River, and the seawater of the Long Beach Marina, located less than 1/4 mile away; 2) Existing beneficial uses of the Long Beach Marina, hydraulically connected to the groundwater beneath this disposal

site, include commercial and sport fishing, preservation of rare endangered species, marine habitat, non-contact water recreation, and the potential use of shellfish harvesting; 3) Historical data indicate that refuse has been deposited into trenches excavated below the groundwater table. The depth to groundwater at this site averages approximately 10 feet below land surface, and land refuse in some areas, may be inundated by groundwater; and 4) VOCs were detected in groundwater monitoring wells at this site. Benzene was the only constituent detected with concentrations that exceed the California Department of Health Services MCLs.

According to a document prepared by LARWQCB dated September 19, 1994 for the Bixby Ranch Company, a work plan for Semi-Annual Groundwater Sampling and Analysis at the Market Place Sanitary Landfill (City Dump and Salvage #2) has been submitted and approved.

According to a Closed Site Inspection Report prepared by the County of Los Angeles SWMP dated July 18, 2006, the dump site is a vacant lot located at the intersection of Pacific Coast Highway and the San Gabriel River and the owner is Berger-Dean Marketing, LLC. The report indicated that there were no significant changes since the last inspection and that surface gas measurements were taken from various other locations throughout the site and all measurements were non-detectable. No significant violations regarding methane gas emissions were observed at the time of inspection.

According to a Closed Site Inspection Report prepared by the County of Los Angeles SWMP dated September 28, 2006, City Dump and Salvage #2, the dump site is located at the intersection of Pacific Coast Highway and the San Gabriel River (see Figure 5- Landfill Site Map) and the owner is Bixby Ranch Company. The report indicated that there were no significant changes since the last inspection and that gas measurements were taken from monitoring wells, vent pipes, and at various other locations throughout the site. No significant violations were observed at the time of inspection.

City Dump and Salvage # 1 through # 4, Long Beach, California

A document dated February 7, 1990 was sent to the LARWQCB by IT Corporation on behalf of Bixby Ranch Company requesting permission to dispose of the groundwater generated from the Third and Fourth Quarter monitoring events at the Market Place, Bixby Village, and Studebaker-Loynes Landfills. Results indicate that concentrations of total dissolved solids, conductivity, chloride, phosphate, sulfate, and manganese in all wells generally exceed drinking water standards, however, since the water removed from the wells is generally saline and not potable, IT recommends that all the water collected in 55-gallon drums be allowed to be disposed into the storm drain system. Approximately one-half to one 55-gallon drum of water was removed from each monitoring well during each quarterly sampling event.

LA County Flood Control Dump –Pacific Coast Highway and Westminster Avenue, Long Beach, California

This Dump site is anticipated to be located nearby to the west of the 33-acre subject property. A letter dated October 3, 1994 by Chevron USA Production Company to the City of Long Beach indicated that Chevron was unaware of the existence of a landfill located at 6500 Pacific Coast Highway, which was used to dispose vegetation growing along the banks of the San Gabriel River. According to the document, Chevron is not clear as to whether 6500 Pacific Coast Highway refers to the 6 acre parcel owned by Chevron, the Hyatt Edgewater, property located to the west, or possibly somewhere else in the general vicinity.

An attached document to a Closed Disposal Site Inspection Report dated December 15, 2000 provided by the Los Angeles County Department of Public Health indicates that the site is apparently located northeast of Pacific Coast Highway at Westminster Avenue in Long Beach, California. Furthermore, the document indicates that the site is described as midway between the Los Cerritos Channel and the San Gabriel River and is adjacent to a completed solid-fill area on the Bixby Land and Farming Company property. The site corresponds to an address across the street from 6500 Pacific Coast Highway.

A Closed Disposal Site Inspection Report dated October 16, 2002 provided by the Los Angeles County Department of Public Health indicates that the location of a site identified as LA County Flood Control Dump is unknown. The report indicates that the possible area is commercial.

A Closed Disposal Site Inspection Report dated January 6, 2006 provided by the Los Angeles County Department of Public Health indicates that the location of a site identified as LA County Flood Control Dump has not been determined. Possible site location is listed as vacant lot (fenced) and In-N-Out Hamburger Restaurant. No gas measurements taken at this time. Based on this location, it appears that the dumpsite may be adjacent or occupy a portion of the subject property (see Figure 5- Landfill Site Map)..

Marina Pacifica Mall – 6272 to 6382 Pacific Coast Highway, Long Beach, California

This site is located about 1,000 feet northwest of the 33-acre subject property. A document dated April 17, 1995, prepared by the City of Long Beach, indicates that the Marina Pacifica Mall occupies the addresses located at 6272 – 6382 Pacific Coast Highway.

A document dated April 26, 1995, prepared by LARWQCB, indicates that their records do not show a landfill located at 6364 Pacific Coast Highway. The document also indicates that hydrocarbon contaminated soil located at 6300 Pacific Coast Highway, and subsequent confirmation sampling together with groundwater monitoring, indicates that this area is not contributing pollutants to the groundwater. Additionally, the site has been remediated to the satisfaction of the LARWQCB.

A document dated April 27, 1995, prepared by Levine-Fricke, indicates that the Marina Pacifica Mall area was never used as a solid waste landfill and that the Marina Pacifica Mall had erroneously been listed on the Los Angeles County solid waste landfill inventory. The document also states that the Marina Pacifica Mall has an extensive address history and that the property listed at 6364 Pacific Coast Highway in the past may not reflect the same address today. Additionally, Levine-Fricke reviewed historical aerial photographs for the site and indicated that the photographs showed no evidence of a municipal landfill.

A document dated May 2, 1995, prepared by the City of Long Beach, indicates that the City of Long Beach Department of Human Health and Human Services, as Local Enforcement Agency, for the Integrated Waste Management Board Regulations, no longer considers the property at 6364 Pacific Coast Highway to be a Closed, Illegal or Abandoned disposal site.

Chevron #9-0016 (Former), 6301 Westminster Avenue (Northeast corner of Pacific Coast Highway and Westminster Avenue, Long Beach, California)

This site was located about 500 feet west of the 33-acre subject property. A document dated December 14, 1993 prepared by Chevron USA Products Company for the LARWQCB indicates that a site investigation report for the site was conducted by Holguin, Fahan and Associates

(November 1, 1993). According to the document, results of previous and current site assessment activities and the findings of the historical site investigation indicate that the Chevron retail gasoline facility was not the source of phase-separated hydrocarbons in the site vicinity. The document indicated that petroleum hydrocarbons detected in the subsurface below the site are indicative of the of oil field activity and crude oil production related to the active oil fields adjacent to the site, and not retail gasoline operations. No further action is recommended. Additionally, the site is currently owned by Mobil Oil Company.

A document dated March 30, 1994 prepared by Holguin, Fahan and Associates on behalf of Chevron USA Products Company, requests regulatory site review for closure for the property located at 6301 Westminster Avenue. According to the document, adsorbed-phase petroleum hydrocarbons in subsurface soils relating to leaking underground storage tanks (USTs) were first reported on October 16, 1987. On October 14, 1991, four petroleum USTs and associated piping were removed at the site. The USTs contained regular, unleaded, and supreme unleaded gasoline, and used oil. During tank removal, soil was removed from the site. Soil samples were collected and analyzed. Results indicate that maximum concentrations for Total Petroleum Hydrocarbons (TPH) as gasoline and TPH as diesel were 1,100 mg/kg and 18,000 mg/kg, respectively. There are no records of diesel fuel having ever been stored at the site, however, the Exxon gasoline station located upgradient from the site reported an unauthorized release of gasoline/diesel fuel in 1983. Results from samples collected from borings on August 25 and 27, 1993 showed non-detectable concentrations of TPH in all samples and a benzene concentration of 0.064 mg/kg in one sample. Five of the six additional samples collected on September 29, 1993 and analyzed for TPH carbon chain contained detectable concentrations in the crude oil range, four samples contained TPH in the diesel range, and one sample contained TPH in the gasoline range. Additionally, four groundwater monitoring wells were installed at the site as part of the leak detection program. Depth to groundwater at the site ranged from 8.20 to 13 feet below grade with groundwater flow to the north-northeast. Groundwater samples collected on August 25, 1993 and analyzed for three of the wells contained non-detectable concentrations of TPH as gasoline and Benzene.

A letter dated January 11, 1995 prepared by the LARWCQB indicates the completion of the site investigation and remedial action for the underground storage tanks at the former Chevron Service Station #9-0016 located at 6301 Westminster Avenue.

According to a recent inquiry on the GeoTracker website, GeoTracker indicates the case remains closed for this site.

Exxon #7-3047 (Former) - 6401 Pacific Coast Highway (Southeast corner of Pacific Coast Highway and Westminster Avenue, Long Beach, California)

This site was located about 500 feet west of the 33-acre subject property. A document dated June 2, 2000 prepared by Environmental Resolutions, Inc. (ERI) for Exxon/Mobil discusses background information and results of a groundwater quality investigation conducted in 2000 for Exxon #7-3047 (former) located at 6401 Pacific Coast Highway. During tank and piping removal activities of four USTs at the site (1983), hydrocarbons were detected at the site. Delta Environmental Consultants (Delta) installed groundwater monitoring wells to evaluate the groundwater impact at the site (1983-1986). Harding Lawson Associates (HLA) conducted a subsurface investigation in which five borings were drilled and converted to groundwater monitoring wells in 1986. Following the installation of the wells, liquid-phase hydrocarbons in monitoring wells were observed and a liquid-phase hydrocarbon recovery system was installed in 1988 by HLA. The liquid-phase hydrocarbon recovery system was removed and replaced

with a vacuum truck by Delta. In 1995, Delta conducted a soil vapor extraction pilot test and installed a horizontal soil vapor extraction trench system. A second soil vapor extraction pilot test was conducted using the trench system. After evaluating the new system and remedial options, Delta installed an soil vapor extraction system, which was used in concurrence with the soil vapor extraction trench in 1997. In 1998, operation and maintenance of the soil vapor extraction system and continued quarterly groundwater monitoring and sampling was transferred to ERI. Results from a groundwater sampling event on February 8, 2000 indicated that trace levels of heavy oils were detected in three wells, high total dissolved solids concentrations in five wells, and contained salinities as high as 17 grams per kilogram. Additionally, heavy oils were detected in one of two wells known to contain liquid-phase hydrocarbons.

A document dated January 14, 2004 prepared by Environmental Resolutions, Inc. for the LARWQCB indicates that quarterly groundwater monitoring is ongoing at the Exxon/Mobil site located at 6401 Pacific Coast Highway. The document also indicates that liquid-phase hydrocarbon amounts of approximately 1/16-inch were noted in two wells during Fourth Quarter monitoring (2003). Some of the proposed work for next quarter (First – 2004) includes a subsurface survey, continual operation of the VAC-25 thermal oxidizer soil vapor extraction remediation system, and conduct quarterly purge groundwater monitoring and sampling.

According to a recent inquiry on the GeoTracker website, Exxon #7-3047 (Former) is listed with an open case status and the site is currently in a remediation status.

Tosco-76 Station #5379 (Former) - 6280 East 2nd Street (Southwest corner of Pacific Coast Highway and 2nd Street, Long Beach, California)

This site was located about 700 feet west of the 33-acre subject property. A document dated January 10, 1986 prepared by Leighton and Associates indicates that a dark moderately viscous, oily liquid was detected in one monitoring well by a Unocal representative during a routine inspection. Eight gallons of product removed from the well was sampled and analyzed. Results indicate the presence of asphaltenes, which is indicative of unprocessed crude oil. Further testing by Leighton and Associates indicate a low to moderate concentration of dissolved petroleum hydrocarbons in shallow groundwater onsite. Leighton and Associates indicated that to their understanding, an abandoned crude oil dispensing pipe line runs through the site near underground storage facilities.

According to a letter dated January 29, 1986, prepared by Unocal to the City of Long Beach Department of Public Health, a precision test was performed on the tanks and product lines at the site and results indicated the system is tight. Unocal concluded that the free product in a test well onsite is not due to a leak in the service station's product lines or tanks.

A letter dated January 23, 1987, prepared by the City of Long Beach Department of Public Health, indicates that because there is evidence of groundwater hydrocarbon contamination at 6280 East 2nd Street, the LARWCQB will be the responsible agency for the cleanup oversight.

According to a Site Closure Request document dated November 16, 2001, prepared by the LARWQCB, groundwater underlying the site is still contaminated with petroleum hydrocarbons and oxygenates as indicated on the latest groundwater monitoring report (August 16, 2001). LARWQCB has determined not to close the case at this time.

According to a recent inquiry on the GeoTracker website, Tosco-76 Station #5379 (Former) located at 6280 2nd Street is currently listed with an open case status. Regulatory history for the Tosco-76 Station #5379 (Former) indicates that an unknown gasoline leak was reported on

September 16, 1987 and site assessments, regulatory reviews, and remediation efforts are presently ongoing. According to the Tosco-76 Station #5379 (Former) Site Assessment Report and Workplan prepared by TRC and dated December 20, 2005, depth to first groundwater in the city of Long Beach is generally less than 50 feet below grade and groundwater at the former gas station was encountered at less than 10 feet below grade. The report also indicated that regional groundwater flow is to the southwest, however, groundwater flow at this particular site is generally directed southeast, but is highly variable with local highs and lows possibly related to tidal influence. Additionally, free product was reported to be in groundwater at this site, however, methods of removal of free product in an Light Non-Aqueous Phase Liquid phase and excavation and disposal began on June 24, 1999 and April 5, 2000, respectively. The site is currently in a remediation status.

Marina Shipyard - 6400 Marina Drive, Long Beach, California

This site was located over 1,000 feet west of the 33-acre subject property. According to a recent inquiry on the GeoTracker website, the Marina Shipyard located at 6400 Marina Drive was listed on the LUST database. Based on the Tosco-76 Station #5379 (Former) Site Assessment Report and Workplan prepared by TRC and dated December 20, 2005, regional groundwater flow is to the southwest towards San Pedro Bay indicating that the Marina Shipyard is downgradient from the subject property. The site is listed in a case closed status.

Alamitos Bay Maintenance Yard - 6204 East 2nd Street, Long Beach, California

This site was located over 1,000 feet west of the 33-acre subject property. According to a recent inquiry on the GeoTracker website, the Alamitos Bay Maintenance Yard located at 6204 east 2nd Street was listed on the LUST database. Based on the Tosco-76 Station #5379 (Former) Site Assessment Report and Workplan prepared by TRC and dated December 20, 2005, regional groundwater flow is to the southwest towards San Pedro Bay indicating that the Marina Shipyard is downgradient from the subject property. The site is listed in a case closed status.

AES Alamitos, LLC Facility – 690 Studebaker Road, Long Beach, California

This site is located northeast of the 33-acre subject property. A Recirculated Draft EIR for the East Long Beach Home Depot (LSA Associates, 2006) indicates that the AES Alamitos facility is a "natural gas fired steam plant that generated electrical energy". The proposed Home Depot facility is located east of the intersection of Studebaker Road and Loynes Drive. The facility also contains pumping and distribution equipment, pipelines for fuel distribution, underground storage tanks, above-ground storage tanks, retention basins, sumps, and a former hazardous materials storage facility. Reportedly, releases from the above-ground tanks have resulted in contamination of shallow soils beneath the tanks.

A methane survey was reportedly conducted at the proposed Home Depot site in 2004. The methane levels detected at this location exceeded the regulatory thresholds for methane.

The retention basins present onsite have been under the Department of Toxic Substances Control (DTSC) oversight since 1995, when discharges to the surface impoundments ceased. Reportedly, the subject property remains under DTSC oversight. In addition, the AES Alamitos facility is regulated by the Environmental Protection Agency (EPA), the South Coast Air Quality Management District (SCAQMD), and the Certified Unified Program Agency (CUPA).

A letter dated May 7, 2007, prepared by the City of Long Beach, acknowledges that the Long Beach CUPA received a memo regarding nine tiered permits (Oil/waste Separator Units 1 through 6, Demineralizer Units 1D and 2D, and Container Crushing Units 1C) at AES Alamitos

Facility and has accepted cancellation of these permits. However, Filter Crusher Unit 1C remains at the site.

A letter dated May 31, 2007, prepared by the City of Long Beach, acknowledges receipt of an email regarding cancellation of the remaining tiered permit (Filter Crusher Unit 1C).

Loynes Beach Partners LLC – 400 N Studebaker Road, Long Beach, California

This site is located about 2,000 feet northeast of the subject property across Cerritos Channel. A RCRA Facility Investigation (RFI) and Closure Report dated August 2014 and prepared by Waterstone Environmental Inc. indicated the following: the Loynes Beach Partnership site was formerly part of the nearby electric generating facility "*owned and operated by Southern California Edison (SCE) from 1956 until 1993 under the facility name Alamitos Generating Station (ALGS)… The ALGS included seven gas/ oil/ distillate fueled electric generating units and Property. Since SCE's sale of the property to The AES Corporation (AES), the facility has been known as AES Alamitos. Based on a previous owner's conversation with AES personnel, the 5 ASTs of the Subject Property were reportedly last used before the bottom of Tank #3 was replaced in the early 1990s. In December 2002, the [Loynes Beach Partnership] Property was parceled separately from the power plant and sold to a real estate developer (Tom Dean) under the ownership entity known as Studebaker LB, LLC (SLB). The [Loynes Beach Partnership] Property ownership reverted to East West Bank after March 2011 when Mr. Dean's estate allowed the ownership to return to the noteholder. In 2012, East West Bank sold the [Loynes Beach Partnership] Property to an entity known as Loynes and Studebaker, LLC. In late 2013, the Subject Property was again sold to the current owner, LBP.*" Numerous site investigations and a remediation in the vicinity of one of the ASTs were conducted at the Loynes Beach Partnership site. In addition, a Human Health Risk Assessment (HHRA) was conducted. Based on the sampling results and the HHRA performed, Waterstone Environmental Inc. concluded the following: no "*additional assessment or remedial measures are required for the [Loynes Beach Partnership] Property*," and requested a no further action letter for the Loynes Beach Partnership site, removal of the RCRA designation associated with the property and case closure for the property.

In a letter dated April 2, 2015, from the Department of Toxic Substances Control (DTSC) to Loynes Beach Partnership, the DTSC stated: "*The DTSC gives its approval of this RFI Report and HHRA. Also, please be advised that this approval of the RFI Report and HHRA is not a certification that your facility does not pose any environmental or public health threat. This letter does not remove any liabilities associated with past hazardous waste management practices which occurred at the facility. This approval does not limit or preclude any future investigations of any other onsite operation by any agency nor in resulting corrective action deemed necessary for closure and remediation of any solid waste management units at the facility. This approval does not constitute termination of a permit or interim status nor is it a determination that corrective action has been terminated. A signed Land Use Covenant (LUC), indicating the facility meets commercial/industrial use standards will be required before any further determination can be made.*"

Termo Oil Site - 6301 East Pacific Coast Highway, Long Beach, California:

This site is located about 2,500 feet to the northwest of the 33-acre subject property. Termo Oil Site/Termo Oil Company located at 6301 Pacific Coast Highway was identified as a SLIC site in the databases searched by EDR. According to a 2003 report reviewed on GeoTracker, the following summarizes assessment conducted at the Termo site: "*The Termo Company ("Termo") operates a tank farm and oil production wells on land located at 6301 Pacific Coast Highway in Long Beach, California. A small portion of the facility (portion of Parcel 7) may be developed for residences.*

Termo had utilized a portion of Parcel 7 for the landfarming of petroleum-impacted soil. The impacted soil was excavated from a nearby pit in August 1998 and then relocated to a stockpile which became the landfarm. The amount of oily soil landfarmed was about 1,300 tons. Termo performed landfarming on this material in 2000 and 2001 under approval and oversight of the California Regional Water Quality Control Board (CRWQCB). The levels of diesel-range hydrocarbons in the stockpiled soil prior to landfarming exceeded 13,000 milligrams per kilogram (mg/kg). By the end of January 2001, levels of about 210 mg/kg were achieved through the landfarming process. The last groundwater samples were obtained by PIC Environmental Services (PIC) from on-site wells in December 1999. PIC reported that there were no detected concentrations of Lead and no detected concentrations of Total Recoverable Petroleum Hydrocarbons ("TRPH"). There were regulatory insignificant concentrations of toluene, total xylenes and diesel-range organic materials present. A subsurface soil investigation and sampling of groundwater wells occurred at the site on November 6, 2003. The results of that investigation show that there are no contaminants in groundwater. However, there are detectable concentrations of several petroleum-related compounds in the soil, particularly on the north side of the landfarm area (SB-3). None of the detected compounds are listed carcinogens . Based on a Human Health Risk Assessment performed by Targhee, there is no risk to human health and the site should be closed, allowing development to occur."

A letter dated June 3, 2014 from Termo to the RWQCB states: *"A human health risk assessment was prepared and submitted to the LARWQCB by Targhee Environmental Consulting in 2003. In their report, they found no threat to human health, and recommended closure of the site. No response from the board, either confirming or contradicting the previous assessment and recommendation, has been made in these past ten years. We would be very appreciative of the movement of this case to "No Further Action" status. If not, we request that the board explain any perceived short comings in the previously submitted studies and reports."*

KNOWN OR SUSPECT CONTAMINATED RELEASE SITES WITH POTENTIAL VAPOR MIGRATION

The EDR report was reviewed to identify nearby known or suspect contaminated sites that have the potential for contaminated vapor originating from the nearby site to be migrating beneath the subject property. Based on the ASTM E 2600-10, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, the following minimum search distances were initially used to determine if contaminated soil vapors from a nearby known or suspect contaminated site have the potential to be migrating beneath the subject property:

- 1/10 mile (528 feet) for petroleum hydrocarbons
- 1/3 mile (1,760 feet) for other contaminants of concern (COCs)

If up-gradient known or suspect contaminated sites are located within the above referenced distances from the subject property, online resources are reviewed to determine the extent of the contaminated plume at those sites. The following describes search distances for contaminated plumes of petroleum hydrocarbons and other COCs.

Petroleum Hydrocarbons and Other COCs

Based on our review of the EDR report, and the use of the subject property as an oil field and the former landfill use of adjacent properties, there is the potential for contaminated soil vapor to be present beneath the subject property.

REVIEW OF STATE OF CALIFORNIA DIVISION OF OIL AND GAS RECORDS

A review of the Department of Conservation, Division of Oil, Gas & Geothermal Resources Online Mapping System indicates there have been 22 wells onsite. The wells are classified as plugged, idle, active injector, and active producer wells.

HISTORICAL USE INFORMATION ON THE PROPERTY AND THE ADJOINING PROPERTIES

The historic records review completed for this Phase I ESA includes aerial photographs and topographic maps as detailed in the following sections. Copies of the historical resources reviewed are included in Appendix 3. Table 3 provides a summary of the historical use information available for the subject property.

Review of Historic Aerial Photographs

Aerial photographs from UCSB Map and Imagery Department aerial photograph collection were reviewed.

Review of Historic Topographic Maps

Historic topographic maps from UCSB Map and Imagery Department map collection were reviewed.

Building Permit Records

Building permit records for the subject property were not reviewed as part of this Phase I ESA.

Summary of Historic Uses

Subject Property
Based on our review of the documents listed above and summarized in Table 3 below, it appears that the subject property was vacant land in 1925 and was in use as an oil field from at least 1928 to the present day.

Table 3 - Historical Use of the Subject Property

Year	Use	Source
Subject Property- 33-Acre Parcel		
1925	Vacant land and a wetland area followed by the San Gabriel River are depicted.	Topographic Map –USGS
1928	Vacant land, oil wells, Tank Battery #3 with 17 ASTs and dirt roads are depicted.	Aerial Photograph – Fairchild Aerial Survey
1938	Same as the 1928 aerial photograph with the following exception: . Tank Battery #3 contains 21 ASTs.	Aerial Photograph – Laval Company
1947	Same as the 1938 aerial photograph with the following exceptions: Tank Battery #3 contains 16 ASTs.	Aerial Photograph – Fairchild Aerial Survey
1949	Same as the 1925 topographic map with the following exceptions: Pacific Coast Highway followed by oil wells and Westminster Avenue and 2nd Street are depicted.	Topographic Map –USGS
1953	Same as the 1947 aerial photograph however Tank Battery #3 contains 8 ASTs..	Aerial Photograph – Pacific Air Industries
1960	Same as the 1953 aerial photograph, however Tank Battery #3 contains 9 ASTs.	Aerial Photograph – Fairchild Aerial Survey
1964	Same as the 1949 topographic map with the following exception :, Westminster Avenue is depicted north of the site.	Topographic Map –USGS
1972	Same as the 1964 topographic map.	Topographic Map –USGS
1976	Similar to the 1960 aerial photograph with Westminster Avenue depicted north of the site.	Aerial Photograph – Teledyne Geotronics
1981	Same as the 1972 topographic map with the following exception: oil wells previously depicted are absent.	Topographic Map –USGS
1982	Same as the 1976 aerial photograph. .	Aerial Photograph – Aerial Map Industries
1994	Same as the 1982 aerial photograph.	Aerial Photograph – USGS
2002	Same as the 1994 aerial photograph.	Aerial Photograph – USGS
2007	Same as the 2002 aerial photograph.	Aerial Photograph – Google Earth
2012	Same as the 2007 aerial photograph.	Aerial Photograph – Google Earth
Northern Adjacent Property- 154-Acre BOMP Parcel		
1925	Vacant land and wetland area to the north.	Topographic Map –USGS
1928	An oil field including two tank batteries, a disposal facility, numerous wells and sumps, a wetland area to the north, disturbed land, and intersecting and dirt roads are depicted. Tank Battery #1 formerly located southwest of the main gate entrance contains eleven above ground storage tanks (ASTs). Tank Battery #2 (north of Tank Battery #1) contains nine ASTs. The waste water facility contains two ASTs.	Aerial Photograph – Fairchild Aerial Survey
1938	Same as the 1928 aerial photograph with the following exceptions: sumps are no longer visible, Tank Battery #1 contains seventeen ASTs, Tank Battery #2 contains thirteen ASTs, and additional dirt roads and several small structures to the northeast are depicted in the northern portion of the property.	Aerial Photograph – Laval Company
1947	Same as the 1938 aerial photograph with the following exceptions: no sump areas are depicted, Tank Battery #1 contains six ASTs, Tank Battery #2 contains eight ASTs, the waste water facility contains one AST and miscellaneous equipment, and some of the dirt roads previously depicted are absent and new dirt roads are depicted.	Aerial Photograph – Fairchild Aerial Survey

Year	Use	Source
1949	An oil field with numerous wells, dirt roads, depression areas, three small structures, and a wetland area to the north are depicted.	Topographic Map –USGS
1953	Same as the 1947 aerial photograph with the following exceptions: one sump depicted in the northeast portion of the subject property near the wetland area, Tank Battery #1 contains eight ASTs, and Tank Battery #2 contains twelve ASTs.	Aerial Photograph – Pacific Air Industries
1960	Same as the 1953 aerial photograph with the following exceptions: four sumps are depicted, Tank Battery #1 contains six ASTs, Tank Battery #2 contains seven ASTs.	Aerial Photograph – Fairchild Aerial Survey
1964	Same as the 1949 topographic map with the following exceptions: new well locations are depicted; one small structure is absent; and Westminster Avenue is depicted south of the site.	Topographic Map –USGS
1972	Same as the 1964 topographic map.	Topographic Map –USGS
1976	Same as the 1960 aerial photograph with the following exception: no sumps are depicted, Tank Battery #1 is non-existent, Tank Battery #2 contains five ASTs, the waste water facility contains three ASTs, a new structure is depicted, and Westminster Avenue is depicted south of the site.	Aerial Photograph – Teledyne Geotronics
1981	Same as the 1976 topographic map.	Topographic Map –USGS
1982	Same as the 1976 aerial photograph with the following exceptions: waste water facility contains five ASTs.	Aerial Photograph – Aerial Map Industries
1994	Same as the 1982 aerial photograph.	Aerial Photograph – USGS
2002	Same as the 1994 aerial photograph.	Aerial Photograph – USGS
2007	Same as the 2002 aerial photograph.	Aerial Photograph – Google Earth
2012	Same as the 2007 aerial photograph.	Aerial Photograph – Google Earth
Northeastern and Eastern Adjoining Parcels – Studebaker Road		
1925	Vacant land and a wetland area are depicted.	Topographic Map –USGS
1928	A dirt road followed by vacant land, some oil wells, and a wetland area are depicted.	Aerial Photograph – Fairchild Aerial Survey
1938	Same as the 1928 aerial photograph.	Aerial Photograph – Laval Company
1947	Same as the 1938 aerial photograph.	Aerial Photograph – Fairchild Aerial Survey
1949	Vacant land followed by a dry portion of the San Gabriel River are depicted.	Topographic Map –USGS
1953	Same as the 1947 aerial photograph.	Aerial Photograph – Pacific Air Industries
1960	Same as the 1953 aerial photograph with the following exceptions: a portion of a Power Plant consisting of 2 circular structures and a small waterway diverted from Cerritos Channel into the plant are depicted.	Aerial Photograph – Fairchild Aerial Survey
1964	Studebaker Road, a Power Plant consisting of square and circular structures and a small waterway diverted from Cerritos Channel into the plant followed by the San Gabriel River are depicted.	Topographic Map –USGS
1972	Same as the 1964 topographic map with the following exceptions: additional circular structures and another waterway diverted from Cerritos Channel into the plant are depicted.	Topographic Map –USGS

Year	Use	Source
1976	Same as the 1960 aerial photograph with the following exceptions: the dirt road is now Studebaker Road, the Power Plant consists of 6 circular structures, and another waterway diverted from Cerritos Channel into the plant are depicted.	Aerial Photograph – Teledyne Geotronics
1981	Same as the 1972 topographic map	Topographic Map –USGS
1982	Same as the 1976 aerial photograph	Aerial Photograph – Aerial Map Industries
1994	Same as the 1982 aerial photograph.	Aerial Photograph – USGS
2002	Same as the 1994 aerial photograph.	Aerial Photograph – USGS
2007	Same as the 2002 aerial photograph.	Aerial Photograph – Google Earth
2012	Same as the 2007 aerial photograph.	Aerial Photograph – Google Earth
Southern Adjoining Parcels – The San Gabriel River		
1925	A wetland area followed by the San Gabriel River is depicted.	Topographic Map –USGS
1928	A wetland area followed by the San Gabriel River is depicted.	Aerial Photograph – Fairchild Aerial Survey
1938	Same as the 1928 aerial photograph	Aerial Photograph – Laval Company
1947	Same as the 1938 aerial photograph	Aerial Photograph – Fairchild Aerial Survey
1949	Same as the 1925 topographic map	Topographic Map –USGS
1953	Same as the 1947 aerial photograph	Aerial Photograph – Pacific Air Industries
1960	Same as the 1953 aerial photograph	Aerial Photograph – Fairchild Aerial Survey
1964	Same as the 1949 topographic map	Topographic Map –USGS
1972	Same as the 1964 topographic map.	Topographic Map –USGS
1976	Similar to the 1960 aerial photograph	Aerial Photograph – Teledyne Geotronics
1981	Same as the 1972 topographic map	Topographic Map –USGS
1982	Same as the 1976 aerial photograph. .	Aerial Photograph – Aerial Map Industries
1994	Same as the 1982 aerial photograph.	Aerial Photograph – USGS
2002	Same as the 1994 aerial photograph.	Aerial Photograph – USGS
2007	Same as the 2002 aerial photograph.	Aerial Photograph – Google Earth
2012	Same as the 2007 aerial photograph.	Aerial Photograph – Google Earth
Western Adjoining Parcels – 6270 – 6391 Pacific Coast Highway		
1925	Vacant land and wetland areas are depicted.	Topographic Map –USGS
1928	A dirt road oriented in a north-south fashion followed by vacant land, an oil field, tank battery area, scattered structures, and dirt roads.	Aerial Photograph – Fairchild Aerial Survey
1938	Same as the 1928 aerial photograph with the following exceptions: additional small structures and Pacific Coast Highway are depicted.	Aerial Photograph – Laval Company
1947	Same as the 1938 aerial photograph.	Aerial Photograph – Fairchild Aerial Survey

Year	Use	Source
1949	Same as the 1925 topographic map with the following exceptions: Pacific Coast Highway followed by oil wells and depression areas are depicted; and the wetland area is absent.	Topographic Map –USGS
1953	Same as the 1947 aerial photograph.	Aerial Photograph – Pacific Air Industries
1960	Same as the 1953 aerial photograph.	Aerial Photograph – Fairchild Aerial Survey
1964	Same as the 1949 topographic map with the following exception: 2 additional structures are depicted.	Topographic Map –USGS
1972	Same as the 1964 topographic map.	Topographic Map –USGS
1976	Pacific Coast Highway, vacant and disturbed land, 2 square buildings, and several rectangular structures are depicted.	Aerial Photograph – Teledyne Geotronics
1981	Same as the 1972 topographic map with the following exception: 2 additional rectangular structures are depicted.	Topographic Map –USGS
1982	Same as the 1976 aerial photograph.	Aerial Photograph – Aerial Map Industries
1994	Same as the 1982 aerial photograph with the following exception: an additional square structure is depicted.	Aerial Photograph – USGS
2002	Same as the 1994 aerial photograph.	Aerial Photograph – USGS
2007	Same as the 2002 aerial photograph.	Aerial Photograph – Google Earth
2012	Same as the 2007 aerial photograph.	Aerial Photograph – Google Earth

Gaps in Historical Sources

Several gaps of greater than 5 years were identified in the historical records reviewed, however, these gaps are considered insignificant because the site use is similar prior to and following the gaps.

INTERVIEWS

Rincon Consultants performed interviews regarding the subject property and surrounding areas. The purpose of the interview was to discuss current and historical subject property conditions and to obtain information indicating the presence of recognized environmental conditions in connection with the property.

INTERVIEW WITH OWNER

Interview with the Current Property Owner

An interview questionnaire was provided to the property owner (Synergy Oil and Gas, LLC and Beach Oil Minerals Partners) prior to completion of the site reconnaissance. The Property Owner Questionnaire was completed by Jim Leith, Field Operation Manager with Synergy Oil and Gas, LLC on behalf of and Beach Oil Minerals Partners. A copy of the completed questionnaire is in Appendix 1. The following is based on our review of the questionnaire:

- The subject property is currently owned by Synergy Oil and Gas, LLC and Beach Oil Minerals Partners and is used for oil production.

- They obtained ownership of the subject property on June 26, 2013.
- The previous owner of the subject property was LCW.
- The subject property was formerly in use as a landfill.
- The adjacent properties consist of oil production facilities to the north, retail businesses and oil production facilities to the south, retail businesses to the west and an electric power generation station to the east.
- Chemicals or hazardous substances associated with oil production are present on the subject property.
- Hazardous wastes are not generated at the subject property.
- Storage drums containing refined oil are present on the subject property.
- A cement lined-sump and above ground wastewater clarifier are present on the subject property.
- Aboveground storage tanks containing crude oil are present on the subject property.
- Wastewater generated on the subject property is discharged to the sewer system.
- Electrical transformers are in use at the subject property.
- PCBs (in soil) from transformers (T-14 and T-16) have been remediated at the 33-acre subject property and from one transformer on the adjacent property to the north (154-acre parcel)[2].

Mr. Leith (on behalf of Synergy Oil and Gas, LLC and Beach Oil Minerals Partners) indicated that he is aware of pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property as follows:

- PCBs in soil from transformers on the 33-acre subject property and the adjacent property to the north (154-acre parcel).

Mr. Leith does not know if there are any environmental liens or activity and use limitations such as engineering controls, deed restrictions, land use restrictions, or institutional controls recorded against the property.

Interview with the Previous Property Owner

During the 2010 Phase I ESA, an interview questionnaire was provided to the property owner at that time (LCW Partners, LLC). Jeff Berger, Manager with LCW Partners, LLC completed the property owner interview questionnaire. Mr. Berger indicated that the site was an active oil field. The site had been in use as an oil field since 1920. LCW Partners, LLC was the current property owner and obtained ownership of the site in October 2007. Prior to then the site was owned by Bixby Ranch Company. The operations at the site included the storage of oil in large aboveground storage tanks. Mr. Berger was not aware of any 55-gallon drums on the site. Mr. Berger indicated that oil stained soil was formerly present on the site. The oil stained soil has been remediated (see the Previous Environmental Assessment section of this report). Mr. Berger also indicated that PCB impacted soil formerly located on the site was remediated in 2010 (see the Previous Environmental Assessment section of this report).

[2] Additional information regarding the PCB-in soil assessments, remediation and No Further Action Letter is in the Previous Environmental Assessments Section of this report.

Mr. Berger indicated that he was not aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property.

Interview with Previous Property Owner

During the preparation of the 2007 Phase I ESA, Tim King, Vice President and Chief Financial Officer at Bixby Ranch Company, was available to answer questions regarding the property. In addition, several reports were provided by Bixby Ranch Company during the preparation of the 2007 Phase I ESA. The following sections summarize the 2007 interview with Tim King, In addition, during the 2007 Phase I ESA several documents were provided to Rincon by Bixby Ranch Company. These documents are summarized in the Previous Environmental Assessment section of this report.

According to Tim King, the subject property had been in existence as an oil field for over 70 years. Mr. King indicated that the oil field had been operating in the same manner for the past 2.5 years and the surrounding properties may have changed. Mr. King also indicated that several documents have been prepared for the subject property. Additionally, Mr. King pointed out that borings had been completed in the vicinity of each well onsite.

INTERVIEW WITH SITE MANAGER/OCCUPANT

During the site reconnaissance, Jim Leith, Operations Manager with Synergy Oil and Gas, LLC, accompanied Rincon. Information provided by the site manager is summarized in the Site Reconnaissance section of this report.

INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

As of the date of this report, we have not received a response to our request for an interview from the RWQCB.

INTERVIEWS WITH OTHERS

Rincon did not attempt to interview neighboring property owners or others as part of this research effort.

SITE RECONNAISSANCE

Rincon Consultants performed a reconnaissance of the subject property on April 13, 2015 accompanied by the site manager (Jim Leith, Operations Manager with Synergy Oil and Gas, LLC on behalf of Beach Oil Minerals Partners). The purpose of the reconnaissance was to observe existing subject property conditions and to obtain information indicating the presence of recognized environmental conditions in connection with the property.

METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance was conducted by 1) observing the subject property from public thoroughfares, 2) observing the adjoining properties from public thoroughfares, 3) observing the exterior of structures onsite, and 4) observing the subject property from multiple dirt roads onsite.

CURRENT USE OF THE PROPERTY AND ADJACENT PROPERTIES

The site consists of 33 acres and is located along Pacific Coast Highway in Long Beach, California (Figure 2, Site Map). The site is an irregular shaped parcel located south of 2nd Street/Westminster Avenue, west of Studebaker Road and east of Pacific Coast Highway. The subject property consists primarily of an oil field containing producing and idle oil wells, and vacant land (Figure 3, Oil Field Map).

Properties in the vicinity of the site include a small portion of the marina, Best Western Hotel, a restaurant, Belmont Shores Mobile Estates residential area, and AES Alamitos Electricity and Generating Power Plant; Seaport Marina Hotel, Mobil gas station, and commercial and retail businesses within the Long Beach Marketplace; vacant land and some oil wells; In & Out Hamburger restaurant and commercial and retail business within the Marina Pacifica Center (Figure 4, Adjacent Land Use Map).

PAST USE OF THE PROPERTY AND ADJACENT PROPERTIES

Based on our site reconnaissance and interviews, the 33-acre subject property and adjacent property to the north (154-acre parcel) have been in use as an oil field for over 70 years and were previously comprised of vacant land and a wetland area. Based on our site reconnaissance, former past uses of the adjacent properties to the east, west and south are not readily apparent.

CURRENT OR PAST USES IN THE SURROUNDING AREAS

During the site reconnaissance, the site vicinity included commercial, retail land uses including restaurants, a shopping mall, and commercial offices. Based on our site reconnaissance, the former land uses in the site vicinity are not readily apparent, because the subject property is surrounded by various land uses.

GEOLOGIC, HYDROGEOLOGIC, HYDROLOGIC AND TOPOGRAPHIC CONDITIONS

Geologic, Hydrogeologic, Hydrologic and topographic information are as previously stated in the Physical Settings Section of this report.

GENERAL DESCRIPTION OF STRUCTURES

Onsite structures are as described previously in the Site Description section of this report.

INTERIOR AND EXTERIOR OBSERVATIONS

Storage Tanks

During the site reconnaissance, Rincon observed one tank battery containing several tanks one elevated flare unit on the subject property.

Drums

During the site reconnaissance, drums were not observed on the 33-acre subject property. Rincon observed several 55-gallon drums stored in the shed located in the equipment storage yard on the northern adjacent property (154-acre BOMP parcel). The drums were located on secondary containment structures. The drums appeared to contain oil and waste oil.

Hazardous Substances and Petroleum Products

During the site reconnaissance, petroleum products were observed throughout the oil field property.

Unidentified Substance Containers

Unidentified substance containers or unidentified containers that might contain a hazardous substance were not observed during the site reconnaissance.

Odors

During the site reconnaissance, Rincon noted several locations where crude oil odors were present.

Pools of Liquid

During the site reconnaissance, Rincon did not identify any pools of liquid.

Indications of Polychlorinated Biphenyls (PCBs)

Transformers

During the site reconnaissance, Rincon observed numerous sets of transformers in various locations around the subject property (Figure 3, Oil Field Map). Some staining was noted on the transformers. In addition, previous assessments in the vicinity of the transformers and remediation of PCB-impacted soil in the vicinity of two of the onsite transformers (T-14 and T-16) were conducted at the site in 2009 and 2010. A summary of the previous assessments and remedial excavation is in the Previous Environmental Assessments section in the User Provided Information section of this report.

Elevators

During the site reconnaissance, Rincon did not identify any elevators on the subject property.

Other Conditions of Concern

During the site reconnaissance Rincon noted the following:

- ***Stained concrete pads*** – Staining was observed on numerous concrete pads in the vicinity of the oil wells.
- ***Fill Material*** – Fill material was observed in three areas on the site.
- ***Other Equipment*** – an unknown concrete pad with electrical panels, pump, and piping was observed in the northern portion of the subject property.

EVALUATION

FINDINGS AND OPINIONS

Subject Property

Known or suspect environmental conditions associated with the subject property include the following:

- The site is currently occupied by an active oil field. Several environmental concerns were identified onsite including the current operation of the subject property as an oil field with 22 producing, idle oil wells, or former (abandoned) oil wells, one tank battery, a vapor recovery unit, and an unknown concrete pad with electrical panels, pump, and piping.,

The other environmental conditions present on the subject property include:

- The former presence of earthen sumps.
- Three areas containing fill material.
- Soil near transformer having detectable concentration of PCBs.

In addition, a landfill (LA County Flood Control Dump) was identified to be in the vicinity of the subject property, near the intersection of Pacific Coast Highway and Westminster Avenue. However, the file review information obtained for this facility is inconclusive about the exact location of the landfill.

Adjacent Properties

Known or suspect environmental conditions associated with adjacent properties include the following:

- The former City Dump and Salvage #2 landfill is located south-southwest from the subject property. Although the regional groundwater flow is to the southwest and substances beneath the landfill site do not appear to be migrating as of 1987 (IT Corporation, 1987), methane gas is present at the landfill. The City Dump and Salvage #2 landfill is considered a Recognized Environmental Condition because of the potential for methane gas to migrate onto the subject property.

- AES Alamitos, LLC facility is located northeast of the subject property. DTSC is currently working with the facility to remediate known releases. Based on the adjacent location of the facility and the known releases at the site, groundwater releases could affect the subject property, therefore, the presence of the adjacent AES Alamitos facility is considered a Recognized Environmental Condition.

The following nearby properties are considered de minimis with respect to the subject property:

- The J S Cleaners site is located west of the subject property. Based on the regional groundwater flow to the southwest and the distance from the subject property, J S Cleaners is considered a de minimis condition.

- The former Exxon #7-3047 site is located 500 feet west of the subject property. Based on the regional groundwater flow to the southwest and the distance from the subject property (500 feet), the former Exxon Station is considered a de minimis condition.

- The former Chevron #9-0016 is located 500 feet west of the subject property. Based on the regional groundwater flow direction to the southwest and a case closed status (GeoTracker), the former Chevron #9-0016 is considered a de minimis condition.

- The former Tosco/76 Station #5379 is located 700 feet west of the subject property. Based on the distance from the subject property (700 feet), the regional groundwater flow direction to the southwest and ongoing remediation of free product, the former Tosco/76 Station is considered a de minimis condition.

- The Marina Shipyard, Chevron/Alamitos Bay Partnership and Alamitos Bay Maintenance Yard are located over 1,000 feet west of the subject property. Based on the distance from the subject property and closed status of both sites (GeoTracker), the Marina Shipyard, Chevron/Alamitos Bay Partnership and Alamitos Bay Maintenance Yard are considered de minimis conditions.

- The Marina Pacifica Mall is located to the over 1,000 feet to the northwest of the subject property. Based on the distance from the subject property (across Pacific Coast Highway) and the fact that the site is no longer considered a closed, illegal or abandoned landfill site, the Marina Pacifica Mall is considered a de minimis condition.

- Haynes Generating Station is located southeast of the subject property. Based on the distance from the subject property and that cooling water is the main waste generated by the facility, the Haynes Generating Station is considered a de minimis condition.

CONCLUSIONS

Rincon has performed a Phase I ESA in general conformance with the scope and limitations of ASTM E 1527-13 for the 33-acre property located east of Pacific Coast Highway, west of Studebaker Road and south of 2nd Street/Westminster Avenue in Long Beach, California. This assessment has revealed evidence of five Recognized Environmental Conditions (RECs) and one historical REC connection with the property as follows:

Recognized Environmental Conditions

1. Current operation of the subject property as an oil production field containing or possibly containing the following:
    - 22 oil wells
    - one tank battery area
    - an unknown concrete pad with electrical panels, pump, and piping
    - transformers
    - pits and/or sumps
    - abandoned wells
    - above or below ground pipelines
    - current or former tank farms
    - leaks or spills
    - mercury in valves
    - radioactive materials in pipes and well casings
    - current and former chemical storage and use areas
2. Onsite location of tank battery area and the former presence of earthen sumps.
3. Onsite location of three areas containing fill material.
4. Adjacent presence of methane gases at the former City Dump and Salvage #2 landfill located south-southwest from the subject property.
5. Based on the adjacent location of the AES Alamitos, LLC facility and the known releases to groundwater, the adjacent location of the AES Alamitos facility is considered a Recognized Environmental Condition.

Historical Recognized Environmental Condition

1. Presence of PCBs in soil in the vicinity of dielectric transformers. The presence of PCBs in soil in the vicinity of dielectric transformers is considered a Historical REC, since the PCBs in soil were assessed, remediated and No Further Action was granted under the

oversight of the USEPA. The USEPA issued a No Further Action letter for the PCB remedial excavations on February 24, 2010: "*LCW Oil Operators, LLC (LCW) have completed the removal of the hazardous substances from the property located at 6433 E. Second Street, Long Beach, California pursuant to the General Notice Letter issued on May 13, 2009. LCW has also completed the oil spill response operations pursuant to the Notice of Federal Interest issued on February 4, 2010. At this time no further actions are necessary, however, EPA reserves the right to require additional work at such time as additional contaminants may be discovered.*"

RECOMMENDATIONS

Since the land use of the subject property (as an oil field and wetlands) is not planned to change, no additional assessment is recommended at this time.

During the site reconnaissance, several areas onsite appeared to contain fill material. It is possible that the fill material is related to ongoing oil field activities. Since the land use in this area of the subject property (as an oil field) is not planned to change, no additional assessment is recommended at this time.

The adjacent 154-acre BOMP Facility has typical oil field contamination issues, similar to the subject property. Since the land use in this area of the subject property (as an oil field) is not planned to change, no additional assessment is recommended at this time.

In addition, if areas of potential contamination beyond those addressed in this report are identified, prior to any grading or other soil disturbance, contaminated soil should be assessed to determine if remediation is required. If remediation is required, the landowner should have a report prepared identifying the appropriate remediation measures, handling protocol and recommended waste disposal, which should be submitted to the appropriate regulatory oversight agency. Potential contaminants that may be present include hydrocarbons, metals, solvents, debris, and other wastes.

DEVIATIONS

Deviations from ASTM E 1527-13 Practice were not encountered during the completion of this Phase I ESA.

REFERENCES

The following published reference materials were used in preparation of this Phase I ESA:

Environmental database: Environmental Data Resources (EDR) report dated April 9, 2015

Geology: California Geologic Survey, *Geologic Map of the Long Beach 30′ x 60′ Quadrangle* (2003), *State of California, Special Studies Zone Map* for the Los Alamitos Quadrangle, July 1, 1986.

Groundwater: California Department of Water Resources (DWR), *California's Groundwater Bulletin 118*, 2004.

Topography: USGS topographic map (Los Alamitos, California, 1981).

Oil and gas records: State of California, Division of Oil, Gas and Geothermal Resources website: http://www.consrv.ca.gov/DOG/index.htm.

Aerial photographs: Photos provided UCSB Map and Imagery Department.

Historic topographic maps: Maps provided by UCSB Map and Imagery Department.

Previous Reports:

IT Corporation, "A" Lease *Site Investigation, Bixby Ranch Company, Long Beach, California,* September 22, 1992.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, *Asbestos and Lead-Based Paint Survey, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California,* July 23, 2003.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, *Water Quality Research Report, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California,* September 3, 2003.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, *File Review Report, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California,* September 22, 2003.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, *Abandoned Well Documents, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California,* May, 2003.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, *Phase II ESA, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California,* October 30, 2003.

Ninyo and Moore Geotechnical and Environmental Sciences Consultants, *Clean-Up Cost Estimate, Bixby "A" Lease, Westminster Avenue and Pacific Coast Highway, Long Beach, California,* January 14, 2004.

Recirculated Draft EIR, East Long Beach Home Depot, LSA Associates, 2006.

Rincon Consultants, *PCB Remedial Excavation Report, Bixby "A" Lease, 6433 East Second Street, Long Beach, California,* March 26, 2010.

SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The qualified environmental professionals that are responsible for preparing the report include Scott English, Sarah Larese and Walt Hamann. Their qualifications are summarized in the following section.

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

Signature	May 1 2015 Date
Walt Hamann, PG, CEG, CHG Name	Vice President Title
Signature	May 1, 2015 Date
R. Scott English Name	Senior Project Manager Title
Signature	May 1, 2015 Date
Sarah A. Larese Name	Senior Environmental Scientist Title

QUALIFICATIONS OF ENVIRONMENTAL CONSULTANTS

The environmental consultants responsible for conducting this Phase I ESA and preparing the report include Sarah Larese, Scott English and Walt Hamann. Their qualifications are summarized below.

Environmental Professional Qualifications	X2.1.1 (2) (i) - Professional Engineer or Professional Geologist License or Registration, and 3 years of full-time relevant experience	X2.1.1 (2) (ii) - Licensed or certified by the Federal Government, State, Tribe, or U.S. Territory to perform environmental inquiries	X2.1.1 (2) (iii) – Baccalaureate or Higher Degree from and accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience	X2.1.1 (2) (iii) – Equivalent of 10 years of full-time relevant experience
Walt Hamann	PG, CHG, CEG		MS Geology	30 years
R. Scott English			BS Soil Science	19 years
Sarah A. Larese			BA Environmental Studies	16 years

Walt Hamann, PG, CEG, CHG, is a Principal and Senior Geologist with Rincon Consultants. He holds a Bachelor of Arts degree in geology from the University of California, Santa Barbara and a Master of Science degree in geology from the University of California, Los Angeles. He has over 30 years of experience conducting assessment and remediation projects and has prepared or overseen the preparation of hundreds of Phase I and Phase II Environmental Site Assessments throughout California. Mr. Hamann is a Professional Geologist (#4742), Certified Engineering Geologist (#1635), and Certified Hydrogeologist (#208) with the State of California.

R. Scott English is Senior Project Manager with Rincon Consultants. He holds a Bachelor of Science degree in Soil Science with a concentration in environmental management from California Polytechnic University, San Luis Obispo, California. Mr. English's responsibilities at Rincon include implementation of site assessments and development of site remediation programs within the Environmental Site Assessment and Remediation Group. Mr. English has extensive experience performing Phase I and Phase II Environmental Site Assessments as well as completing remediation projects. He has 19 years of experience conducting research, assessment and remediation projects.

Sarah A. Larese is a Senior Environmental Scientist with Rincon Consultants. She holds a Bachelor of Science degree in environmental studies from the University of California, Santa Barbara, California. Ms. Larese has experience in development, implementation and project management of environmental assessment and remediation projects, especially relating to underground storage tanks. Ms. Larese's responsibilities at Rincon include implementation of Phase I and II Environmental Site Assessments as well as conducting site remediation field activities and preparation of environmental reports. She has 16 years of experience conducting research, assessment and remediation projects.

Source: 1981 USGS Topographic Map, Los Alamitos California Quadrangle

0 0.5 1.0

scale in miles

NORTH

Vicinity Map

Figure 1

Source: TerraServer-USA, March 29, 2004

0 1000 2000

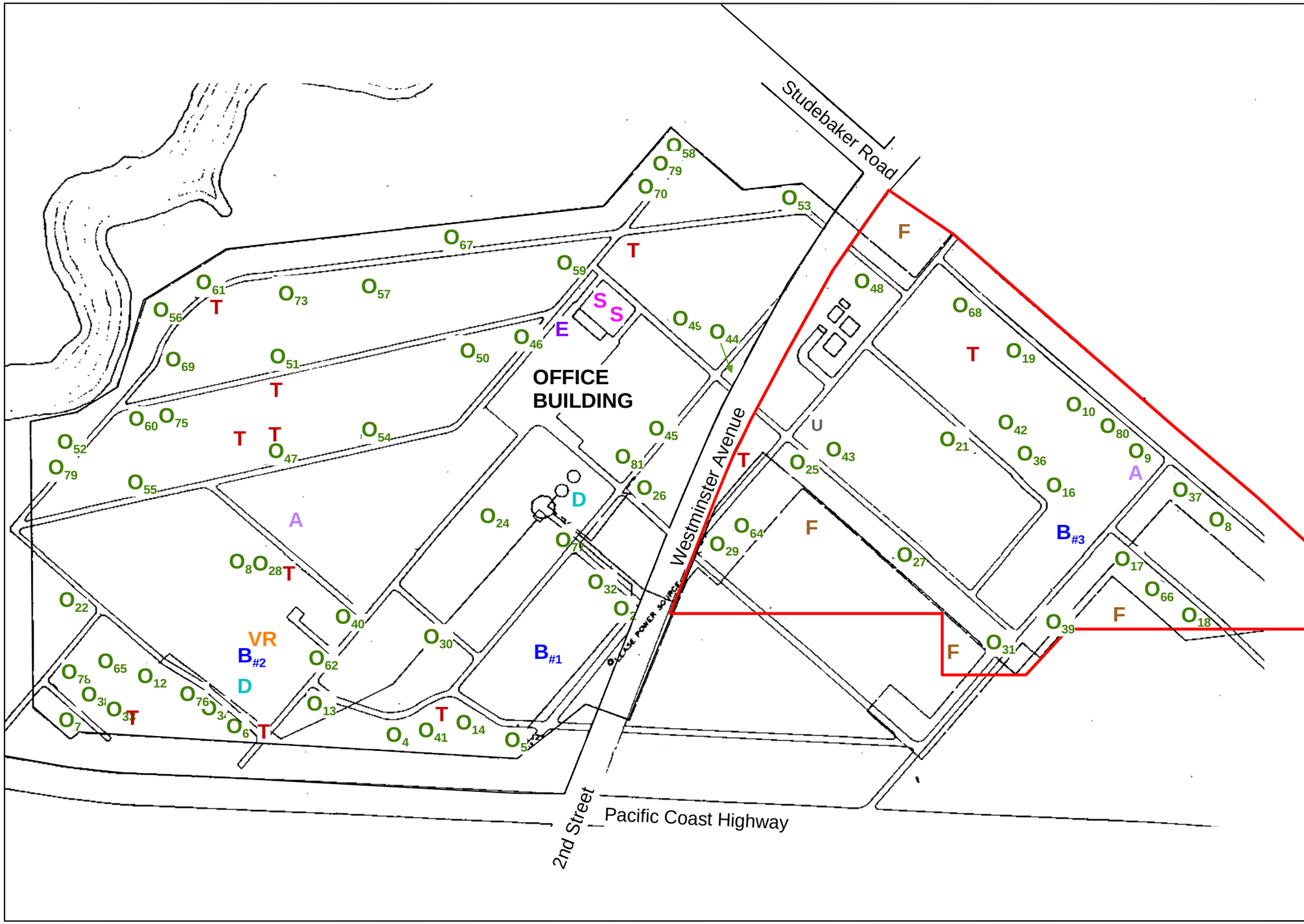
scale in feet

NORTH

Site Map

Figure 2

Rincon Consultants



Site Boundary of 33-Acre Parcel

O_9 Oil Well location and well identification number

T Location of Transformers

$B_{\#3}$ Location of Tank Battery Areas and identification number

A Location of elevated flare units

F Location of Fill Material Areas

U Location of concrete pad with electrical panels, pump, and piping

Off site features:

D Location of Wastewater Disposal Unit

E Location of Equipment Yard Area

S Location of Shed Structures

VR Location of Vapor Recovery Area

NORTH

0 150 300
scale in feet

Oil Field Map
33-Acre Property
Pacific Coast Highway
Long Beach, California

Figure 3

Subject property - 33 Acre Parcel, Pacific Coast Highway

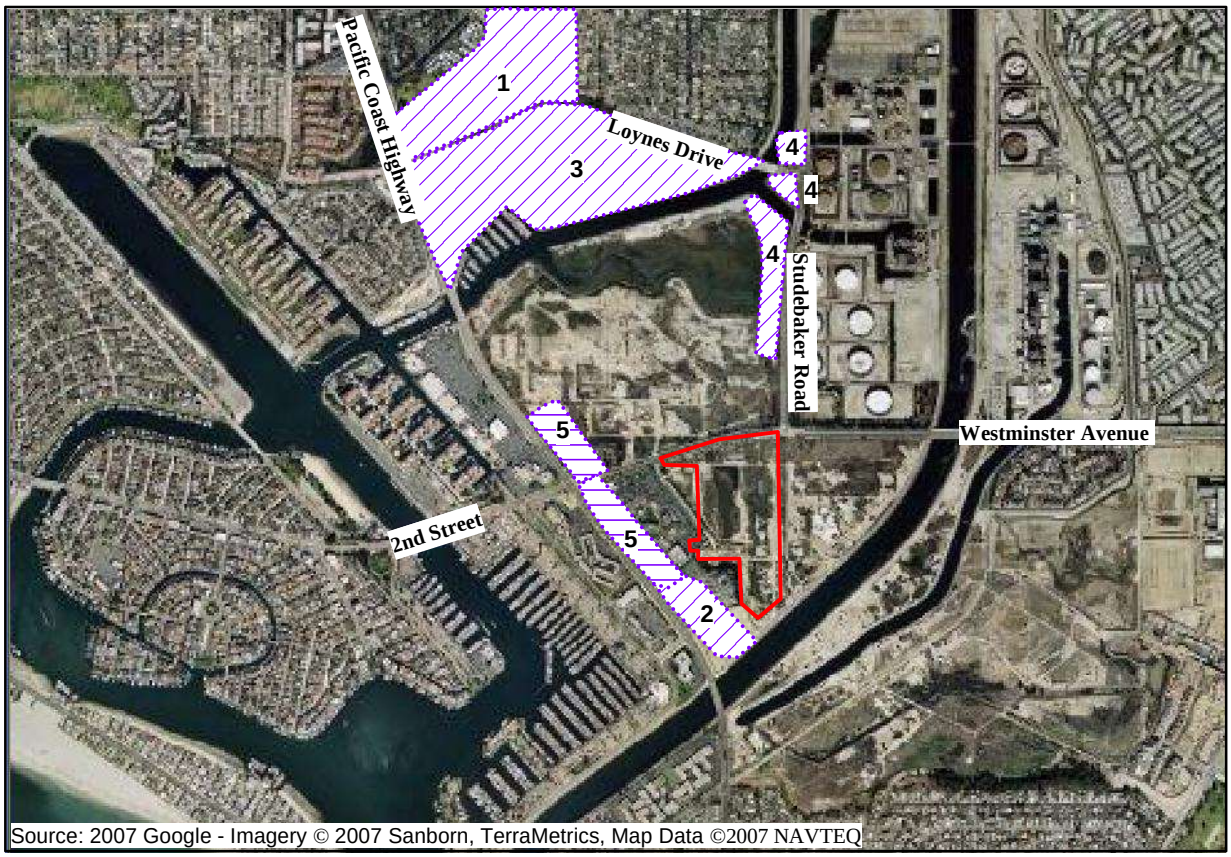
1. Termo Oil Company
   6301 Pacific Coast Highway
2. Marina Area
3. Best Western Hotel
   6285 Pacific Coast Highway
4. Restaurant
   6251 Pacific Coast Highway
5. Bixby Village Mobile Estates
6. AES Alamitos Power Plant
   690 North Studebaker Road
7. Vacant Land
8. Offices
   6615-6695 Pacifc Coast Highway
9. Vacant Land and some oil wells
10. Seaport Marina Hotel
    6400 Pacific Coast Highway
11. Mobil Gas Station/former Exxon
    6401 Pacific Coast Highway
12. Commercial and Retail Businesses with the Long Beach Marketplace
    6401 - 6605 Pacific Coast Highway
13. Ruby's Diner
    6405 Pacific Coast Highway
14. Loynes Beach Partners
    400 Studebaker Road
15. In & Out/former Chevron (6301 Westminster Avenue)
    6391 Pacific Coast Highway
16. Commercial and Retail Businesses with the Marina Pacifica Center
    6270 - 6380 Pacific Coast Highway
17. Former - Tosco gasoline Station
    6280 2nd Street

0 1000 2000
scale in feet

NORTH

Adjacent Land Use Map

Figure 4



Subject property - 33 Acre Parcel, Pacific Coast Highway

Landfill Boundary Limits (for City Dump and Salvage Dumps #1 through #4 only)

1. Former City Dump and Salvage #1, also known as Loynes-Bixby Village Landfill, Loynes-Bixby Village Disposal Site (associated with Former City and Salvage Dump #3)
   6363 Pacific Coast Highway
2. Former City Dump and Salvage #2, also known as the Marketplace Sanitary Landfill
3. Former City Dump and Salvage #3, also know as Loynes-Bixby Village Landfill, Loynes-Bixby Village Disposal Site (associated with Former City and Salvage Dump #1)
   6364 Pacific Coast Highway
4. Former City and Salvage #4, also known asStudebaker-Loynes Disposal Site, and Studebaker-Cerritos Channel Site

5. Potential Locations for former Disposal Landfill (LA County Flood Control Dump)

0 2000 4000
scale in feet

NORTH

Landfill Site Map

Figure 5

Photograph 1: View of tank battery #3 (not in service) on the southern portion of the 33-acre site.

Photograph 2: View of electric transformers on the northern central portion of the 33-acre site.

Photograph 3: View looking west toward well # 10 on the eastern-central portion of the 33-acre site.

Photograph 4: View of oil well #17 on the 33-acre site, facing south towards an adjacent office building (6621 E. Pacific Coast Hwy).

Site Photographs

Figure 6

Photograph 5: View of the southern portion of the 33-acre site, facing southeast.

Photograph 6: View of adjacent tank battery area #1 (not in service) on the northern adjacent 154-acre property (across 2nd Street/Westminster Avenue).

Photograph 7: View of the office building located immediately north of the main gate entrance on the northern adjacent 154-acre property, facing southwest.

Photograph 8: View of the adjacent shopping center to the southwest, facing southwest.

Site Photographs

Figure 7

Appendix 1

Interview Documentation

To qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

We respectfully request that you fill out this form and e-mail it to Scott English at SEnglish@RinconConsultants.com within one week from the date of this transmittal.

1. Why is the Phase I ESA required or being performed?	Refinance
2. What type of property transaction is planned? (i.e. sale, purchase, exchange, etc.)	To be determined.
3. What is the entire site address?	6433 E 2nd St., Long Beach, CA 90803
4. What is the Assessor's Parcel Number (s)?	8910 800 004, 8910 800 005, 7237 017 019, 7237 017 010, 7237 017 018, 7237 017 014, 7237 017 013, 7237 017 012, 7237 017 011,
5. Are any considerations beyond the requirements of Practice E1527 to be considered? (i.e. lien search, asbestos & lead based paint, radon, etc.)	To be determined.
6. Identify all parties who will rely on the Phase I report.	
7. Identify the Site Manager/Contact and how the contact can be reached.	Jim Leith, Field Operation Manager, Synergy Work number: 562-431-9505 Cell number: 562-234-8276 Email: jleith@synergyoandg.com
8. Identify the Site Owner and how the owner can be reached.	

9. Do you have copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the any other knowledge or experience with the property that may be pertinent to the environmental professional (i.e. title report, previous Ph I and II ESAs, Environmental Impact Studies, etc.).	Yes, a report by Rincon.

1. **Did a search of *recorded land title records* (or judicial records, where appropriate) identify any environmental liens filed or recorded against the *property?***

Please checkmark the most appropriate response:

X I *have not* reviewed the records and ***do not know*** if there are any filed or recorded environmental liens.

- ☐ I *have* reviewed the records, and ***No, there aren't any*** filed or recorded environmental liens.
- ☐ I *have* reviewed the records, and ***Yes, there are*** environmental liens. Explain:

2. **Did a search of recorded land title records (or judicial records, where appropriate) identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?**

Please checkmark the most appropriate response:

X I *have not* reviewed the records and ***do not know*** if there are any filed/recorded AULs or any AULs in place at the site.

- ☐ I *have* reviewed the records, and ***No, there aren't any*** filed/recorded AULs or any AULs in place at the site.
- ☐ I *have* reviewed the records, and ***Yes, there are*** AULs filed, recorded, and/or in place at the site. Explain:

3. **Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property?**

   Please checkmark the most appropriate response:

X I *have not* reviewed the Title Report and ***do not know*** if it provides environmental cleanup liens or AULs information.

- ☐ I *have* reviewed the Title Report, and ***No, it does not*** provide environmental cleanup liens or AULs information.
- ☐ I *have* reviewed the Title Report, and ***Yes, it does provide*** environmental cleanup liens or AULs information. Explain:

4. **Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an *adjoining property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?**

   Please checkmark the most appropriate response:

X No, I *do not* have any specialized knowledge and/or experience related to the property or nearby properties.

- ☐ ***Yes***, I *do* have specialized knowledge and/or experience related to the property or nearby properties. Explain:

5. **As the user of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a reduction in value for the subject property relative to any known environmental issues?**

   Please checkmark the most appropriate response:

X No, I *do not* have any information about a reduction in property value relative to environmental issues.

- ☐ ***Yes***, I *do* have information about a reduction in property value relative to environmental issues. Explain:

6. **Does the purchase price being paid for this property reasonably reflect the fair market value of the property?**

   Please checkmark the most appropriate response:

X Yes, I *do* believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Skip to question #7.

- ☐ ***No***, I *do not* believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Proceed to question #6a.

   a. **If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29)**

      Please checkmark the most appropriate response:

      - ☐ ***No***, I *have not* considered the idea that known or believed contamination at the site has caused the lower purchase price.
      - ☐ ***Yes***, I *have* considered the idea that known or believed contamination at the site has caused the lower purchase price. Explain.

7. **Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,**

   a. **Do you know the past uses of the property**?

      - ☐ I *do not* know.

      X I *do* know. Explain: Oil production.

   b. Do you know of specific chemicals are present or once were present at the property?

      - ☐ I *do not* know.

      X I *do* know. Explain: chemical used in oil production.

   c. Do you know of any spills or other chemical releases that have taken place at the property?

      - ☐ I *do not* know.

      X I *do* know. Explain: PCB

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

☐ I *do not* know.

X I *do* know. Explain: PCB Remediation.

8. **Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?**

Please checkmark the most appropriate response:

X No, I do not know and/or do not have any experience with any obvious indicators that point to the presence or likely presence of contamination at the property.

☐ Yes, I do know of and/*or do have experience with* obvious indicators that point to the presence or likely presence of contamination at the property. Explain:

9. **Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site?**

X No, I *am not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site.*

☐ ***Yes***, I *am aware of pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site*. Explain:

10. **Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site?**

☐ ***No***, I *am not aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site.*

X Yes, I *am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site.* Explain: PCB Remediation.

11. **Are you aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?**

☐ ***No***, I *am not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.*

X Yes, I *am aware of a notice, or notices, from a government entity (or multiple government entities) regarding a possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.* Explain: PCB Release.

This questionnaire was completed by (please print):

Name	Jim Leith
Title	Field Operation Manager
Firm	**Synergy Oil and Gas, LLC**
Street Address	6433 E 2nd St
City, State, Zip Code	Long Beach, CA 90803
Phone Number	562-431-9505
Fax Number	562-431-9429
What is the preparer's relationship to the property (i.e., seller, buyer, occupant, property manager, employee, agent, consultant, etc.)?	Field Operation Manager

The preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct, and to the best of the preparer's knowledge, no material facts have been suppressed or misstated.

Signature (Signed) **Date April 17, 2015**

Please email this form to Scott English at **SEnglish@RinconConsultants.com**. *This form may also be mailed to the following address:*

Rincon Consultants, Inc.,
Attention: Scott English
180 N. Ashwood Avenue,
Ventura, California 93003
FAX:-644-4240

Property Owner Interview Questionnaire

190-Acre Property, Pacific Coast Highway, Long Beach, California

This questionnaire should be completed by the current property owner or a designated representative of the current property owner. We respectfully request that you fill out and return this form (via fax **805-644-4240** or email **Scott English** at SEnglish@rinconconsultants.com to us within one week from the date of this transmittal.

1)	**Was the subject property or any adjoining property ever used as:** X a gasoline or other fueling station ❑ a motor vehicle repair facility ❑ a commercial printing facility ❑ a dry cleaners ❑ a photo developing laboratory ❑ a metal plating facility ❑ a farm (please check all that apply and describe) X a junkyard or landfill ❑ a waste treatment, storage, disposal, processing or recycling facility ❑ a machine shop ❑ a manufacturing facility X an oil production facility (including oil wells) ❑ any other industrial use

2)	**Please describe the current land uses of the subject property and those surrounding your property. Please indicate all businesses/companies located on property.**	
2a	**Current use of Subject Property** (please check all that apply) ❑ Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) X Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of current operation) Oil Production
2b	**Current use of Northern Adjoining Properties** (please check all that apply) ❑ Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) X Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of current operation) Oil Production
2c	**Current use of Southern Adjoining Properties** (please check all that apply) X Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) X Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of current operation) Oil Production/ Retail
2d	**Current use of Western Adjoining Properties** (please check all that apply) X Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) ❑ Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of current operation) Retail
2e	**Current use of Eastern Adjoining Properties** (please check all that apply) ❑ Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) X Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of current operation) Electric Power Generation

3)	**Please describe the previous land uses of your property and those surrounding your property. Include property ownership and dates of operation if known.**	
3a	**Previous use of Subject Property** (please check all that apply) ❑ Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) X Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of previous operations, former property owners, and dates of operation). Oil Production
3b	**Previous use of Northern Adjoining Properties** (please check all that apply) ❑ Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) ❑ Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of previous operations)
3c	**Previous use of Southern Adjoining Properties** (please check all that apply) ❑ Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) ❑ Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of previous operations)
3d	**Previous use of Western Adjoining Properties** (please check all that apply) ❑ Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) ❑ Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of previous operations)
3e	**Previous use of Eastern Adjoining Properties** (please check all that apply) ❑ Commercial (retail, offices, etc.) ❑ Residential (single family or apartments) ❑ Industrial (manufacturing, warehousing, processing) ❑ Other-Please Describe	(please include a brief description of previous operations)

4)	**Who is the current owner of the property?**	Synergy Oil and Gas, LLC

5)	**When did current ownership begin?**	June 26, 2013

6)	**What is the age of the on-site facility?**	

7)	**Who is the previous owner of the property?**	LCW

8)	**Please indicate the property's current**
	electrical service provider – Southern California Edison
	water service provider – City of Long Beach
	natural gas service provider - None
	sewer service provider – LA County Sanitation District
	solid waste hauler -

9)	**To the best of your knowledge, has your facility previously or does your facility currently store or use any of the following in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate?** (if yes or unknown, include how many, type, and size)	
	❑ ***Damaged or discarded automotive or industrial batteries***	
	❑ ***Pesticides***	
	❑ ***Paints***	
	❑ ***Oils or solvents***	
	❑ ***Motor vehicle fuel***	
	❑ ***Pesticides or Herbicides***	
	X Other Chemicals or hazardous substances	

10)	**Please indicate any wastes generated at the facility.**		
	Hazardous waste:	**Quantity:**	**Disposal Method:**
	None		

11)	**Are there currently or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe Refined oil

12)	**Are there currently or to the best of your knowledge have there been previously, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or that is of an unknown origin?**	
	❑ Yes X No ❑ Unknown	if Yes or Unknown, please describe

13)	**Are there currently or to the best of your knowledge have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?**	
	❑ Yes X No ❑ Unknown	if Yes or Unknown, please describe

14)	**Are there currently or to the best of your knowledge have there been previously, any sumps, clarifiers, or solvent degreasers on the property?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe Cement lined Sump. Above ground wastewater clarifier.

15)	**Are there currently or to the best of your knowledge have there been previously, any stained soil on the property?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe

16)	**Are there currently or to the best of your knowledge have there been previously, any storage tanks (above or below ground) located on the property?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe Above ground tanks for crude oil production

17)	**Are there currently or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways (etc.) indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?**	
	❑ Yes ❑ No X Unknown	if Yes or Unknown, please describe

18)	**If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government agency?**	
	❑ Yes ❑ No X Unknown	if Yes or Unknown, please describe

19)	**Are there currently or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?**	
	❑ Yes X No ❑ Unknown	if Yes or Unknown, please describe

20)	**To the best of your knowledge has your facility previously or does your facility currently, discharge wastewater on or adjacent to the property other than storm water into a sanitary sewer system?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe Waste water discharge to sewer

21)	**Have any of the following ever been dumped above grade, buried and/or burned on the property?** (please check all that apply and describe if possible)	
	X hazardous substances	PCB's Has been remediated.
	❑ petroleum products	
	❑ unidentified waste materials	
	❑ tires	
	❑ automotive or industrial batteries	
	❑ other waste materials (please describe)	

22)	**Are there currently or to the best of your knowledge have there been previously, a transformer, capacitor or any hydraulic equipment on the property?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe Electric Transformers are in use.

23)	**Are there currently or to the best of your knowledge have there been previously any records indicating the presence of PCBs?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe Transformer PCB's

24)	**Are there currently or to the best of your knowledge have there been previously any records indicating the presence of pesticides or herbicides?**	
	❑ Yes X No ❑ Unknown	if Yes or Unknown, please describe

25)	**Do you have any knowledge of environmental liens that may have been recorded against the property or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?**	
	❑ Yes ❑ No X Unknown	if Yes or Unknown, please describe

26)	**Do you have any knowledge of activity and use limitations (AULs) such as engineering controls, deed restrictions, land use restrictions, or institutional controls that may have been recorded against the property?**	
	❑ Yes ❑ No X Unknown	if Yes or Unknown, please describe

27)	**Have you been informed of the past or current existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe PCB Release. Has been remediated.

28)	**Do you have any knowledge of any environmental site assessments of the property or facility?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe By Rincon.

29)	**Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe PCB

30)	**Are there any site-specific geotechnical or geologic reports available for the subject property?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe

31)	**Is there a Title Report available for the subject property?**	
	X Yes ❑ No ❑ Unknown	if Yes or Unknown, please describe

This questionnaire was completed by (please print)	
Name	Jim Leith
Title	Field Operation Manager
Firm	**Synergy Oil and Gas, LLC**
Street Address	6433 E 2nd St
City, State, Zip Code	Long Beach, CA 90803
Phone Number	562-431-9505
Fax Number	562-431-9429
What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.) ?	Field Operation Manager

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.
180 North Ashwood Avenue
Ventura, CA 93003
Attention: Scott English
Fax: (805) 644-4240
Email: SEnglish@rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature ____Signed_____ **Date** __April 17, 2015_____

Appendix 2

Regulatory Records Documentation

160-Acre Site
Pacific Coast Highway/E 2nd Street
Long Beach, CA 90803

Inquiry Number: 04258573.2r
April 09, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

PACIFIC COAST HIGHWAY/E 2ND STREET
LONG BEACH, CA 90803

COORDINATES

Latitude (North):	33.7613000 - 33˚ 45' 40.68''
Longitude (West):	118.1079000 - 118˚ 6' 28.44''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	397397.8
UTM Y (Meters):	3736047.5
Elevation:	13 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	33118-G1 LOS ALAMITOS, CA
Most Recent Revision:	1981
South Map:	33118-F1 SEAL BEACH, CA
Most Recent Revision:	1981
West Map:	33118-G2 LONG BEACH (DIGITAL), CA
Most Recent Revision:	1964

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120505
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
PACIFIC COAST HIGHWAY/E 2ND STREET
LONG BEACH, CA 90803

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SYNERGY OIL & GAS, L		CA UIC		TP
A2	SYNERGY OIL & GAS, L		CA UIC		TP
A3		E. 2ND ST. AT SHOPKE	CA CHMIRS		TP
A4	SYNERGY OIL & GAS, L		CA UIC		TP
A5	SYNERGY OIL & GAS, L		CA UIC		TP
A6	LONG BEACH WATER DEP	6401 E 2ND ST	CA HAZNET		TP
A7	SYNERGY OIL & GAS, L		CA UIC		TP
A8	LCW OIL OPERATIONS L	6433 WESTMINSTER AVE	RCRA-SQG, FINDS		TP
A9	SYNERGY OIL & GAS, L		CA UIC		TP
A10	SYNERGY OIL & GAS, L		CA UIC		TP
A11	SYNERGY OIL & GAS, L		CA UIC		TP
A12	SYNERGY OIL & GAS, L		CA UIC		TP
A13	SYNERGY OIL & GAS, L		CA UIC		TP
A14	SYNERGY OIL & GAS, L		CA UIC		TP
A15	SYNERGY OIL & GAS, L		CA UIC		TP
A16	BREITBURN OPERATING,	6433 WESTMINSTER AVE	CA HIST UST, CA EMI		TP
A17	SYNERGY OIL & GAS, L		CA UIC		TP
A18	SYNERGY OIL & GAS, L		CA UIC		TP
A19	SYNERGY OIL & GAS, L		CA UIC		TP
A20	SYNERGY OIL & GAS, L		CA UIC		TP
A21	SYNERGY OIL & GAS, L		CA UIC		TP
Reg	SEAL BEACH NAVAL WEA		DOD	Same	4239, 0.803, SE
B22		6433 EAST 2ND ST	ERNS	Lower	1 ft.
B23		6433 EAST 2ND STREET	CA CHMIRS	Lower	1 ft.
B24	LCW PARTNERS OIL AND	6433 E. 2ND STREET	FINDS	Lower	1 ft.
B25		6433 E. 2ND ST.	CA CHMIRS	Lower	1 ft.
B26	LCW OIL OPERATIONS P	6433 E 2ND STREET	CERCLIS	Lower	1 ft.
B27	LCW OIL OPERATIONS P	6433 E 2ND STREET	FINDS	Lower	1 ft.
B28	LCW OIL OPERATIONS L	6433 E 2ND ST	CA HAZNET	Lower	1 ft.
B29	CONOCO INC	6433 E 2ND ST	CA LOS ANGELES CO. HMS	Lower	1 ft.
B30	LCW BIXBY FIELD	6433 E. 2ND STREET	FINDS	Lower	1 ft.
B31	BREITBURN ENERGY CO	6433 E 2ND ST	CA LOS ANGELES CO. HMS	Lower	1 ft.
C32	CITY DUMP & SALVAGE	6363 PACIFIC COAST H	CA WMUDS/SWAT	Lower	13, 0.002, WSW
C33		6363 E PACIFIC COAST	CA UST	Lower	13, 0.002, WSW
34	TERMO CO - SEAL BEAC	6301 PACIFIC COAST	CA NPDES, CA SLIC	Lower	30, 0.006, West
C35	TERMO OIL SITE	6301 PACIFIC COAST H	CA SLIC	Lower	51, 0.010, SW
D36	MARINA PACIFICA MALL	6300 E. PACIFIC COAS	CA SLIC	Lower	115, 0.022, West
D37	MARINA PACIFICA MALL	6300 PACIFIC COAST	CA SLIC	Lower	115, 0.022, West
E38		6380 E PACIFIC COAST	CA UST	Lower	143, 0.027, SW

MAPPED SITES SUMMARY

Target Property Address:
PACIFIC COAST HIGHWAY/E 2ND STREET
LONG BEACH, CA 90803

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F39	CITY OF LONG BEACH	6264 PACIFIC COAST H	CA UST, CA SWEEPS UST	Lower	178, 0.034, WNW
F40	LONG BEACH MARINE BU	6264 E PACIFIC COAST	CA UST	Lower	178, 0.034, WNW
41	LOYNES BEACH PARTNER	400 N STUDEBAKER ROA	CA ENVIROSTOR	Lower	188, 0.036, NE
F42		6262 E PACIFIC COAST	CA UST	Lower	191, 0.036, WNW
E43	OBERJUGER'S AL SERVI	6301 WESTMINSTER AVE	EDR US Hist Auto Stat	Lower	193, 0.037, SW
E44	DAVES MARINA CHEVRON	6301 WESTMINSTER AVE	RCRA-SQG, FINDS, CA HIST CORTESE, CA LUST, CA...	Lower	233, 0.044, SW
E45	CHEVRON #9-0016	6301 WESTMINSTER AVE	CA LUST	Lower	233, 0.044, SW
E46	CHEVRON STATION 9-00	6301 WESTMINSTER BLV	CA FID UST, CA SWEEPS UST	Lower	233, 0.044, SW
E47	VACANT (DAVE'S MARIN	6301 WESTMINSTER AVE	CA UST	Lower	233, 0.044, SW
E48	90016	6301 WESTMINSTER AVE	CA HIST UST	Lower	233, 0.044, SW
E49	CVS PHARMACY NO 1000	6265 E 2ND ST	RCRA-LQG, FINDS	Lower	289, 0.055, SW
50	CITY DUMP & SALVAGE	STUDEBAKER RD & VIST	CA SWF/LF, CA WMUDS/SWAT	Lower	292, 0.055, NNE
E51	EXXONMOBIL OIL CORPO	6401 E PACIFIC COAST	RCRA-SQG, FINDS, CA HIST CORTESE, CA LUST, CA HIST...	Lower	305, 0.058, SW
E52		6401 E PACIFIC COAST	EDR US Hist Auto Stat	Lower	305, 0.058, SW
E53	MOBIL SS#18-BT7	6401 E PACIFIC COAST	CA UST	Lower	305, 0.058, SW
E54	EXXON RIS #73047	6401 E PACIFIC COAST	CA FID UST, CA SWEEPS UST	Lower	305, 0.058, SW
E55	TOSCO - 76 STATION #	6280 002ND ST E	CA HIST CORTESE, CA LUST	Lower	306, 0.058, SW
E56	VACANT/DEMO (FORMERL	6280 E 02ND ST	CA UST	Lower	306, 0.058, SW
E57	UNOCAL SS# 5379	6280 E SECOND ST	CA SWEEPS UST	Lower	306, 0.058, SW
E58	SERVICE STATION 5379	6280 E 2ND ST	CA HIST UST	Lower	306, 0.058, SW
E59	CARL'S EXXON	6401 E PAC COAST HIG	EDR US Hist Auto Stat	Lower	330, 0.062, SW
G60	MARINE MAINTENANCE	6204 E. 2ND STREET	RCRA-LQG	Higher	448, 0.085, SW
G61	ALAMITOS BAY MARINA	6204 E 2ND ST	CA HIST UST	Higher	448, 0.085, SW
H62	EPTC - ALAMITOS	692 N STUDEBAKER ROA	CA AST	Lower	480, 0.091, NE
H63	SCE-ALAMITOS	692 N STUDEBAKER ROA	CA ENVIROSTOR	Lower	480, 0.091, NE
H64	ALAMITOS STATION	692 N STUDEBAKER RD	CA HAZNET, CA HWP	Lower	480, 0.091, NE
H65	EPTC ALAMITOS PARCEL	692 NORTH STUDEBAKER	CA NPDES, CA DEED, CA VCP, CA ENVIROSTOR	Lower	480, 0.091, NE
H66	STUDEBAKER - LOYNES	LOYNES DR. & STUDEBA	CA WMUDS/SWAT	Lower	511, 0.097, NNE
H67	STUDEBAKER-CERRITOS	SW OF STUDEBAKER & L	CA WMUDS/SWAT	Lower	511, 0.097, NNE
H68	CITY DUMP AND SALVAG	LOYNES DRIVE AND NOR	CA SWF/LF	Lower	526, 0.100, NE
I69		6615 E PACIFIC COAST	EDR US Hist Auto Stat	Lower	574, 0.109, South
G70	MARINA PACIFICA HOME	6201 E 2ND ST	CA HIST UST	Higher	580, 0.110, SW
J71	MARKET PLACE SANITAR	6501 PACIFIC COAST H	CA LDS, CA WMUDS/SWAT	Lower	594, 0.112, South
G72	ALAMITOS BAY MAINT Y	6204 E 02ND ST	CA HIST CORTESE, CA LUST, CA UST	Higher	596, 0.113, SW
73		6246 E PACIFIC COAST	CA UST	Lower	602, 0.114, WNW
J74		6481 E PAC CST HWY	EDR US Hist Cleaners	Lower	603, 0.114, South
75		6451 E PACIFIC COAST	EDR US Hist Cleaners	Lower	622, 0.118, SSW
I76		6608 E PACIFIC COAST	EDR US Hist Cleaners	Lower	631, 0.120, South
I77	HYUNSUNG INC DBA: PA	6608 PACIFIC COAST H	CA DRYCLEANERS	Lower	631, 0.120, South

MAPPED SITES SUMMARY

Target Property Address:
PACIFIC COAST HIGHWAY/E 2ND STREET
LONG BEACH, CA 90803

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
78	CITY DUMP & SALVAGE	7001-7199 PCH NORTH	CA SWF/LF	Higher	646, 0.122, South
J79	J'S CLEANERS & LAUND	6481 PACIFIC COAST	CA SLIC	Lower	697, 0.132, SSW
J80	J'S CLEANERS & LAUND	6481 EAST PACIFIC CO	CA SLIC	Lower	697, 0.132, SSW
K81	CITY OF LONG BEACH	6460 MARINA DR	CA UST	Lower	708, 0.134, SW
K82	CITY OF LONG BEACH	6460 MARINA DR	CA SWEEPS UST	Lower	708, 0.134, SW
L83	CITY OF LONG BEACH	6530 MARINA DR	CA UST	Higher	750, 0.142, SW
L84	CITY OF LONG BEACH	6530 MARINA DR	CA SWEEPS UST	Higher	750, 0.142, SW
85	CITY DUMP AND SALVAG	7001-7199 PACIFIC CO	CA SWF/LF	Lower	811, 0.154, South
M86	LAWP,HAYNES GENERATI	6801 WESTMINSTER AVE	CA Toxic Pits	Higher	849, 0.161, ESE
M87	HAYNES GENERATING ST	6801 WESTMINSTER AVE	CA UST, CA WDS, CA WMUDS/SWAT	Higher	849, 0.161, ESE
M88	LA CITY, DWP HAYNES	6801 WESTMINSTER AV	CA HIST UST, CA EMI, CA WDS	Higher	849, 0.161, ESE
L89	PORT OF LONG BEACH T	SHOEMAKER BRIDGE	RCRA-SQG, CA HAZNET	Higher	853, 0.162, SSW
K90	WEST MARINE PRODUCTS	6400 MARINA DR	CA UST	Lower	858, 0.162, SW
91	CITY DUMP AND SALVAG	6261 EAST PACIFIC CO	CA SWF/LF	Lower	871, 0.165, WNW
M92	HAYNES GENERATING ST	6801 EAST 2ND. STREE	RCRA-TSDF, RCRA-LQG	Higher	877, 0.166, ESE
M93	HAYNES GENERATING ST	6801 2ND ST	CA AST	Higher	877, 0.166, ESE
K94	MARIA SHIPYARD	6400 MARINA DR	CA FID UST, CA SWEEPS UST	Lower	914, 0.173, SW
K95	INDEL DBA MARINA SHI	6400 MARINA DR	RCRA-SQG, FINDS, CA HAZNET	Lower	914, 0.173, SW
K96	MARIA SHIPYARD	6400 E MARINA DR	CA HIST UST	Lower	914, 0.173, SW
K97	MARINA SHIPYARD,INDE	6400 MARINA DRIVE	CA HIST CORTESE, CA LUST, CA EMI, CA WDS	Lower	914, 0.173, SW
N98	LA COUNTY FLOOD CONT	SW WESTMINSTERAVE AN	CA SWF/LF	Lower	928, 0.176, SSW
99	CHEVRON - ALAMITOS B	6655 MARINA DR	CA SLIC	Higher	1016, 0.192, South
100		9131 MARINA PACIFIC	EDR US Hist Auto Stat	Lower	1150, 0.218, WSW
101	CITY OF LONG BEACH	6201 MARINA DR	CA UST	Lower	1151, 0.218, WSW
N102	CITY OF LONG BEACH	6610 MARINA DR	CA UST	Lower	1159, 0.220, SSW
N103	CITY OF LONG BEACH	6610 MARINA DR	CA SWEEPS UST	Lower	1159, 0.220, SSW
104	STATE LANDS COMMISSI	PACIFIC COAST HWY	CA HIST CORTESE, CA LUST, CA SLIC	Lower	1228, 0.233, South
105	LOYNES - BIXBY VILLA	LOYNES DR. & BIXBY V	CA WMUDS/SWAT	Higher	1347, 0.255, NW
O106	SCE, ALAMITOS GENERA	690 STUDEBAKER ROAD	CA Toxic Pits	Lower	1354, 0.256, NE
O107	EPTC ALAMITOS	690 N. STUDEBAKER RD	CORRACTS, RCRA-SQG, NY MANIFEST, US AIRS	Lower	1354, 0.256, NE
O108	ALAMITOS GENERATING	690 NORTH STUDEBAKER	CA SLIC, CA ENF	Lower	1354, 0.256, NE
P109	OIL & MUD DUMP	6204 E. PACIFIC COAS	CA SWF/LF	Lower	1677, 0.318, NW
P110	WHALER'S COVE HOMEOW	6053 LOYNES DRIVE	CERC-NFRAP	Lower	1715, 0.325, NW
111	ALAMITOS BAY PARTNER	S/PCH N/MARINA DR W/	RCRA-SQG, CA HIST CORTESE, CA LUST, CA HIST UST,...	Higher	1740, 0.330, South
P112	CITY DUMP AND SALAVA	PACIFIC COAST HIGHWA	CA SWF/LF	Lower	1741, 0.330, NW
113	EAVES SEAL BEACH	333 FIRST STREET	CA VCP, CA ENVIROSTOR	Lower	2060, 0.390, South
114	FRMR EXXONMOBIL SEAL	101 MARINA DRIVE	CA Orange Co. Industrial Site, CA ENVIROSTOR	Lower	3195, 0.605, South
115	LA DEF AREA NIKE BAT		CA ENVIROSTOR	Higher	3760, 0.712, North
Q116	NAVAL MUNITIONS DEPO		CA ENVIROSTOR	Higher	4081, 0.773, SE

MAPPED SITES SUMMARY

Target Property Address:
PACIFIC COAST HIGHWAY/E 2ND STREET
LONG BEACH, CA 90803

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q117	LONG BEACH AMMUNITIO		CA ENVIROSTOR	Higher	4081, 0.773, SE
Q118	NWS SEAL BCH		CA ENVIROSTOR	Higher	4081, 0.773, SE
R119	NAVAL WEAPONS STATIO	800 SEAL BEACH BLVD	CA HAZNET, CA HWP	Higher	4797, 0.909, SE
R120	NAVAL WEAPONS STATIO	800 SEAL BEACH BLVD	RCRA-TSDF, CORRACTS, RCRA-LQG, PADS, NY MANIFEST,	Higher	4797, 0.909, SE
121	NWS SEAL BEACH		FUDS, LUCIS	Higher	4826, 0.914, ESE
122	US NAVAL HOSPITAL		CA ENVIROSTOR	Higher	4860, 0.920, NW

EXECUTIVE SUMMARY

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:

Site	Database(s)	EPA ID
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
E. 2ND ST. AT SHOPKE E. 2ND ST. AT SHOPKE LONG BEACH, CA	CA CHMIRS OES Incident Number: '10-0923	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Plugged	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
LONG BEACH WATER DEP 6401 E 2ND ST LONG BEACH, CA 90803	CA HAZNET GEPAID: CAC002600754	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Plugged	N/A
LCW OIL OPERATIONS L 6433 WESTMINSTER AVE LONG BEACH, CA 90803	RCRA-SQG EPA ID:: CAD981160310 FINDS Registry ID:: 110058304570 Registry ID:: 110002678004	CAD981160310
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Plugged	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Plugged	N/A

EXECUTIVE SUMMARY

SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Plugged	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Plugged	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
BREITBURN OPERATING, 6433 WESTMINSTER AVE LONG BEACH, CA 90805	CA HIST UST Facility Id: 00000020581 CA EMI Facility Id: 150202 Facility Id: 56439	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	N/A
SYNERGY OIL & GAS, L LOS ANGELES (County), CA	CA UIC Well Status: Idel	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

FEDERAL FACILITY..... Federal Facility Site Information listing

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

State- and tribal - equivalent NPL

CA RESPONSE..... State Response Sites

State and tribal leaking storage tank lists

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

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

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
CA SWRCY	Recycler Database
CA 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
CA HIST Cal-Sites	Historical Calsites Database
CA SCH	School Property Evaluation Program
CA AOCONCERN	San Gabriel Valley Areas of Concern
CA CDL	Clandestine Drug Labs
US HIST CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information
CA LIENS	Environmental Liens Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CA MCS	Military Cleanup Sites Listing
CA SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
DOT OPS	Incident and Accident Data
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
TSCA	Toxic Substances Control Act
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
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
CA BOND EXP. PLAN	Bond Expenditure Plan
CA Cortese	"Cortese" Hazardous Waste & Substances Sites List
CA CUPA Listings	CUPA Resources List
CA Notify 65	Proposition 65 Records
LA Co. Site Mitigation	Site Mitigation List
CA WIP	Well Investigation Program Case List
INDIAN RESERV	Indian Reservations

EXECUTIVE SUMMARY

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
CA PROC..... Certified Processors Database
CA HWT..... Registered Hazardous Waste Transporter Database
CA MWMP..... Medical Waste Management Program Listing
CA Financial Assurance..... Financial Assurance Information Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
LEAD SMELTERS..... Lead Smelter Sites
PRP..... Potentially Responsible Parties
COAL ASH DOE..... Steam-Electric Plant Operation Data
PCB TRANSFORMER..... PCB Transformer Registration Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1

CERCLIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LCW OIL OPERATIONS P	6433 E 2ND STREET	0 - 1/8 (0.000 mi.)	B26	25

Federal CERCLIS NFRAP site List

CERC-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WHALER'S COVE HOMEOW	6053 LOYNES DRIVE	NW 1/4 - 1/2 (0.325 mi.)	P110	168

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 12/09/2014 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NAVAL WEAPONS STATIO	***800 SEAL BEACH BLVD***	***SE 1/2 - 1 (0.909 mi.)***	***R120***	***196***

Lower Elevation	Address	Direction / Distance	Map ID	Page
EPTC ALAMITOS	***690 N. STUDEBAKER RD***	***NE 1/4 - 1/2 (0.256 mi.)***	***O107***	***143***

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1

RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HAYNES GENERATING ST	***6801 EAST 2ND. STREE***	***ESE 1/8 - 1/4 (0.166 mi.)***	***M92***	***117***

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 12/09/2014 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MARINE MAINTENANCE	6204 E. 2ND STREET	SW 0 - 1/8 (0.085 mi.)	G60	76
HAYNES GENERATING ST	***6801 EAST 2ND. STREE***	***ESE 1/8 - 1/4 (0.166 mi.)***	***M92***	***117***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CVS PHARMACY NO 1000	***6265 E 2ND ST***	***SW 0 - 1/8 (0.055 mi.)***	***E49***	***43***

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

A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2014 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PORT OF LONG BEACH T	***SHOEMAKER BRIDGE***	***SSW 1/8 - 1/4 (0.162 mi.)***	***L89***	***114***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAVES MARINA CHEVRON	***6301 WESTMINSTER AVE***	***SW 0 - 1/8 (0.044 mi.)***	***E44***	***36***
EXXONMOBIL OIL CORPO	***6401 E PACIFIC COAST***	***SW 0 - 1/8 (0.058 mi.)***	***E51***	***46***
INDEL DBA MARINA SHI	***6400 MARINA DR***	***SW 1/8 - 1/4 (0.173 mi.)***	***K95***	***126***

Federal ERNS list

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 09/29/2014 has revealed that there is 1 ERNS

site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	6433 EAST 2ND ST	0 - 1/8 (0.000 mi.)	B22	22

State- and tribal - equivalent CERCLIS

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

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 03/11/2015 has revealed that there are 10 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA DEF AREA NIKE BAT Facility Id: 80000285 Status: Inactive - Needs Evaluation		N 1/2 - 1 (0.712 mi.)	115	189
NAVAL MUNITIONS DEPO Facility Id: 80000834 Status: Inactive - Needs Evaluation		SE 1/2 - 1 (0.773 mi.)	Q116	190
LONG BEACH AMMUNITIO Facility Id: 80001028 Status: Inactive - Needs Evaluation		SE 1/2 - 1 (0.773 mi.)	Q117	191
NWS SEAL BCH Facility Id: 80000662 Status: Inactive - Needs Evaluation		SE 1/2 - 1 (0.773 mi.)	Q118	192
US NAVAL HOSPITAL Facility Id: 80000830 Status: Inactive - Needs Evaluation		NW 1/2 - 1 (0.920 mi.)	122	231

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOYNES BEACH PARTNER Facility Id: 60001986 Status: Active	400 N STUDEBAKER ROA	NE 0 - 1/8 (0.036 mi.)	41	34
SCE-ALAMITOS Facility Id: 80001647 Status: Active	692 N STUDEBAKER ROA	NE 0 - 1/8 (0.091 mi.)	H63	78
EPTC ALAMITOS PARCEL Facility Id: 19130113 Status: Certified O&M - Land Use Restrictions Only	***692 NORTH STUDEBAKER***	***NE 0 - 1/8 (0.091 mi.)***	***H65***	***83***
EAVES SEAL BEACH Facility Id: 60000680 Status: Active	***333 FIRST STREET***	***S 1/4 - 1/2 (0.390 mi.)***	***113***	***179***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FRMR EXXONMOBIL SEAL Facility Id: 30550002 Status: Refer: 1248 Local Agency	***101 MARINA DRIVE***	***S 1/2 - 1 (0.605 mi.)***	***114***	***188***

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

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

A review of the CA SWF/LF list, as provided by EDR, and dated 02/16/2015 has revealed that there are 8 CA SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY DUMP & SALVAGE Facility ID: 19-AK-5017 Regulation Status: To Be Determined Operational Status: Closed	7001-7199 PCH NORTH	S 0 - 1/8 (0.122 mi.)	78	98

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY DUMP & SALVAGE Facility ID: 19-AK-5004 Regulation Status: Unpermitted Operational Status: Closed	***STUDEBAKER RD & VIST***	***NNE 0 - 1/8 (0.055 mi.)***	***50***	***45***
CITY DUMP AND SALVAG Site ID: 2236 Status: Closed	LOYNES DRIVE AND NOR	NE 0 - 1/8 (0.100 mi.)	H68	88
CITY DUMP AND SALVAG Site ID: 2235 Status: Closed	7001-7199 PACIFIC CO	S 1/8 - 1/4 (0.154 mi.)	85	101
CITY DUMP AND SALVAG Site ID: 2234 Status: Closed	6261 EAST PACIFIC CO	WNW 1/8 - 1/4 (0.165 mi.)	91	116
LA COUNTY FLOOD CONT Facility ID: 19-AK-5008 Regulation Status: Pre-regulations Operational Status: Closed	SW WESTMINSTERAVE AN	SSW 1/8 - 1/4 (0.176 mi.)	N98	137
OIL & MUD DUMP Facility ID: 19-AK-5024	6204 E. PACIFIC COAS	NW 1/4 - 1/2 (0.318 mi.)	P109	167
CITY DUMP AND SALAVA Facility ID: 19-AK-5003 Regulation Status: Unpermitted Operational Status: Closed	PACIFIC COAST HIGHWA	NW 1/4 - 1/2 (0.330 mi.)	P112	178

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

CA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the CA LUST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 8 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALAMITOS BAY MAINT Y Status: Completed - Case Closed Facility Id: 908030116 Status: Case Closed Global Id: T0603701726 Global ID: T0603701726	***6204 E 02ND ST***	***SW 0 - 1/8 (0.113 mi.)***	***G72***	***91***
ALAMITOS BAY PARTNER Status: Open - Eligible for Closure Global Id: T10000004637	***S/PCH N/MARINA DR W/***	***S 1/4 - 1/2 (0.330 mi.)***	***111***	***168***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAVES MARINA CHEVRON Status: Completed - Case Closed Global Id: T0603701725	***6301 WESTMINSTER AVE***	***SW 0 - 1/8 (0.044 mi.)***	***E44***	***36***
CHEVRON #9-0016 Facility Id: 908030098 Status: Case Closed Global ID: T0603701725	6301 WESTMINSTER AVE	SW 0 - 1/8 (0.044 mi.)	E45	39
EXXONMOBIL OIL CORPO Status: Open - Remediation Facility Id: 908030016 Status: Pollution Characterization Global Id: T0603701717 Global ID: T0603701717	***6401 E PACIFIC COAST***	***SW 0 - 1/8 (0.058 mi.)***	***E51***	***46***
TOSCO - 76 STATION # Status: Open - Remediation Facility Id: 908030052 Status: Remedial action (cleanup) Underway Global Id: T0603701721 Global ID: T0603701721	***6280 002ND ST E***	***SW 0 - 1/8 (0.058 mi.)***	***E55***	***63***
MARINA SHIPYARD,INDE Status: Completed - Case Closed Facility Id: 908030089 Status: Case Closed Global Id: T0603701724 Global ID: T0603701724	***6400 MARINA DRIVE***	***SW 1/8 - 1/4 (0.173 mi.)***	***K97***	***130***
STATE LANDS COMMISSI Facility Status: Case Closed Global ID: T0605900594	***PACIFIC COAST HWY***	***S 1/8 - 1/4 (0.233 mi.)***	***104***	***140***

EXECUTIVE SUMMARY

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, and dated 03/13/2015 has revealed that there are 9 CA SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON - ALAMITOS B Facility Status: No further action required Facility Status: Completed - Case Closed Global Id: SLT4303129	6655 MARINA DR	S 1/8 - 1/4 (0.192 mi.)	99	138

Lower Elevation	Address	Direction / Distance	Map ID	Page
TERMO CO - SEAL BEAC Facility Status: Post Remediation Monitoring	***6301 PACIFIC COAST***	***W 0 - 1/8 (0.006 mi.)***	***34***	***31***
TERMO OIL SITE Facility Status: Open - Verification Monitoring Global Id: SL184481431	6301 PACIFIC COAST H	SW 0 - 1/8 (0.010 mi.)	C35	32
MARINA PACIFICA MALL Facility Status: Completed - Case Closed Global Id: SLT43209207	6300 E. PACIFIC COAS	W 0 - 1/8 (0.022 mi.)	D36	32
MARINA PACIFICA MALL Facility Status: No further action required	6300 PACIFIC COAST	W 0 - 1/8 (0.022 mi.)	D37	33
J'S CLEANERS & LAUND Facility Status: No further action required	6481 PACIFIC COAST	SSW 1/8 - 1/4 (0.132 mi.)	J79	98
J'S CLEANERS & LAUND Facility Status: Completed - Case Closed Global Id: SL2044X1602	6481 EAST PACIFIC CO	SSW 1/8 - 1/4 (0.132 mi.)	J80	99
STATE LANDS COMMISSI Facility Status: Completed - Case Closed Global Id: T0605900594	***PACIFIC COAST HWY***	***S 1/8 - 1/4 (0.233 mi.)***	***104***	***140***
ALAMITOS GENERATING Facility Status: Site Assessment	***690 NORTH STUDEBAKER***	***NE 1/4 - 1/2 (0.256 mi.)***	***O108***	***151***

State and tribal registered storage tank lists

CA 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 CA UST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 16 CA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALAMITOS BAY MAINT Y	***6204 E 02ND ST***	***SW 0 - 1/8 (0.113 mi.)***	***G72***	***91***
CITY OF LONG BEACH Facility Id: 19-060-003150	6530 MARINA DR	SW 1/8 - 1/4 (0.142 mi.)	L83	100
HAYNES GENERATING ST	***6801 WESTMINSTER AVE***	***ESE 1/8 - 1/4 (0.161 mi.)***	***M87***	***102***

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	6363 E PACIFIC COAST	WSW 0 - 1/8 (0.002 mi.)	C33	31

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	6380 E PACIFIC COAST	SW 0 - 1/8 (0.027 mi.)	E38	33
CITY OF LONG BEACH	***6264 PACIFIC COAST H***	***WNW 0 - 1/8 (0.034 mi.)***	***F39***	***33***
Facility Id: 19-060-003591				
LONG BEACH MARINE BU	6264 E PACIFIC COAST	WNW 0 - 1/8 (0.034 mi.)	F40	34
Not reported	6262 E PACIFIC COAST	WNW 0 - 1/8 (0.036 mi.)	F42	35
VACANT (DAVE'S MARIN	6301 WESTMINSTER AVE	SW 0 - 1/8 (0.044 mi.)	E47	42
MOBIL SS#18-BT7	6401 E PACIFIC COAST	SW 0 - 1/8 (0.058 mi.)	E53	61
Facility Id: 19-060-002431				
VACANT/DEMO (FORMERL	6280 E 02ND ST	SW 0 - 1/8 (0.058 mi.)	E56	74
Not reported	6246 E PACIFIC COAST	WNW 0 - 1/8 (0.114 mi.)	73	94
CITY OF LONG BEACH	6460 MARINA DR	SW 1/8 - 1/4 (0.134 mi.)	K81	99
Facility Id: 19-060-003160				
WEST MARINE PRODUCTS	6400 MARINA DR	SW 1/8 - 1/4 (0.162 mi.)	K90	116
CITY OF LONG BEACH	6201 MARINA DR	WSW 1/8 - 1/4 (0.218 mi.)	101	139
Facility Id: 19-060-003200				
CITY OF LONG BEACH	6610 MARINA DR	SSW 1/8 - 1/4 (0.220 mi.)	N102	139
Facility Id: 19-060-003170				

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, and dated 08/01/2009 has revealed that there are 2 CA AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HAYNES GENERATING ST	6801 2ND ST	ESE 1/8 - 1/4 (0.166 mi.)	M93	125

Lower Elevation	Address	Direction / Distance	Map ID	Page
EPTC - ALAMITOS	692 N STUDEBAKER ROA	NE 0 - 1/8 (0.091 mi.)	H62	78

State and tribal voluntary cleanup sites

CA VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the CA VCP list, as provided by EDR, and dated 03/11/2015 has revealed that there are 2 CA VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EPTC ALAMITOS PARCEL	***692 NORTH STUDEBAKER***	***NE 0 - 1/8 (0.091 mi.)***	***H65***	***83***
Status: Certified O&M - Land Use Restrictions Only				
Facility Id: 19130113				
EAVES SEAL BEACH	***333 FIRST STREET***	***S 1/4 - 1/2 (0.390 mi.)***	***113***	***179***
Status: Active				
Facility Id: 60000680				

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

A review of the CA WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 7 CA WMUDS/SWAT sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HAYNES GENERATING ST	***6801 WESTMINSTER AVE***	***ESE 1/8 - 1/4 (0.161 mi.)***	***M87***	***102***
LOYNES - BIXBY VILLA	LOYNES DR. & BIXBY V	NW 1/4 - 1/2 (0.255 mi.)	105	141

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY DUMP & SALVAGE	6363 PACIFIC COAST H	WSW 0 - 1/8 (0.002 mi.)	C32	30
CITY DUMP & SALVAGE	***STUDEBAKER RD & VIST***	***NNE 0 - 1/8 (0.055 mi.)***	***50***	***45***
STUDEBAKER - LOYNES	LOYNES DR. & STUDEBA	NNE 0 - 1/8 (0.097 mi.)	H66	86
STUDEBAKER-CERRITOS	SW OF STUDEBAKER & L	NNE 0 - 1/8 (0.097 mi.)	H67	87
MARKET PLACE SANITAR	***6501 PACIFIC COAST H***	***S 0 - 1/8 (0.112 mi.)***	***J71***	***90***

Local Lists of Hazardous waste / Contaminated Sites

CA 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 CA Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there are 2 CA Toxic Pits sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LAWP,HAYNES GENERATI Closure Date: 10/18/90 Task #: 84006 Status: CLOSED	6801 WESTMINSTER AVE	ESE 1/8 - 1/4 (0.161 mi.)	M86	101

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCE, ALAMITOS GENERA Closure Date: / / Task #: 04010 Status: ACTIVE	690 STUDEBAKER ROAD	NE 1/4 - 1/2 (0.256 mi.)	O106	143

Local Lists of Registered Storage Tanks

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 3 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION 9-00 Status: A Facility Id: 19001881	***6301 WESTMINSTER BLV***	***SW 0 - 1/8 (0.044 mi.)***	***E46***	***40***
EXXON RIS #73047 Status: A Facility Id: 19020052	***6401 E PACIFIC COAST***	***SW 0 - 1/8 (0.058 mi.)***	***E54***	***61***
MARIA SHIPYARD Status: A Facility Id: 19001728	***6400 MARINA DR***	***SW 1/8 - 1/4 (0.173 mi.)***	***K94***	***125***

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 7 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALAMITOS BAY MARINA Facility Id: 00000041362	6204 E 2ND ST	SW 0 - 1/8 (0.085 mi.)	G61	77
MARINA PACIFICA HOME Facility Id: 00000020972	6201 E 2ND ST	SW 0 - 1/8 (0.110 mi.)	G70	89
LA CITY, DWP HAYNES Facility Id: 00000064907	***6801 WESTMINSTER AV***	***ESE 1/8 - 1/4 (0.161 mi.)***	***M88***	***104***

Lower Elevation	Address	Direction / Distance	Map ID	Page
90016 Facility Id: 00000061685	6301 WESTMINSTER AVE	SW 0 - 1/8 (0.044 mi.)	E48	42
EXXONMOBIL OIL CORPO Facility Id: 00000029321	***6401 E PACIFIC COAST***	***SW 0 - 1/8 (0.058 mi.)***	***E51***	***46***
SERVICE STATION 5379 Facility Id: 00000017325	6280 E 2ND ST	SW 0 - 1/8 (0.058 mi.)	E58	75
MARIA SHIPYARD Facility Id: 00000008103	6400 E MARINA DR	SW 1/8 - 1/4 (0.173 mi.)	K96	130

EXECUTIVE SUMMARY

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

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 8 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LONG BEACH Status: A Tank Status: A Comp Number: 33991	6530 MARINA DR	SW 1/8 - 1/4 (0.142 mi.)	L84	100

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LONG BEACH Status: A Tank Status: A Comp Number: 33995	***6264 PACIFIC COAST H***	***WNW 0 - 1/8 (0.034 mi.)***	***F39***	***33***
CHEVRON STATION 9-00 Status: A Tank Status: A Comp Number: 61685	***6301 WESTMINSTER BLV***	***SW 0 - 1/8 (0.044 mi.)***	***E46***	***40***
EXXON RIS #73047 Status: A Tank Status: A Comp Number: 29321	***6401 E PACIFIC COAST***	***SW 0 - 1/8 (0.058 mi.)***	***E54***	***61***
UNOCAL SS# 5379 Status: A Tank Status: A Comp Number: 17325	6280 E SECOND ST	SW 0 - 1/8 (0.058 mi.)	E57	74
CITY OF LONG BEACH Status: A Tank Status: A Comp Number: 33990	6460 MARINA DR	SW 1/8 - 1/4 (0.134 mi.)	K82	99
MARIA SHIPYARD Status: A Tank Status: A Comp Number: 8103	***6400 MARINA DR***	***SW 1/8 - 1/4 (0.173 mi.)***	***K94***	***125***
CITY OF LONG BEACH Status: A Tank Status: A Comp Number: 33992	6610 MARINA DR	SSW 1/8 - 1/4 (0.220 mi.)	N103	139

Local Land Records

CA DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the CA DEED list, as provided by EDR, and dated 03/09/2015 has revealed that there is 1

CA DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EPTC ALAMITOS PARCEL	***692 NORTH STUDEBAKER***	***NE 0 - 1/8 (0.091 mi.)***	***H65***	***83***
Envirostor ID: 19130113				
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY				

Records of Emergency Release Reports

CA CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CA CHMIRS list, as provided by EDR, and dated 01/21/2015 has revealed that there are 2 CA CHMIRS sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	6433 EAST 2ND STREET	0 - 1/8 (0.000 mi.)	B23	22
OES Incident Number: '10-1171				
Not reported	6433 E. 2ND ST.	0 - 1/8 (0.000 mi.)	B25	24
OES Incident Number: 06-1830				

Other Ascertainable Records

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEAL BEACH NAVAL WEA		SE 1/2 - 1 (0.803 mi.)	0	21

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 06/06/2014 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NWS SEAL BEACH		***ESE 1/2 - 1 (0.914 mi.)***	***121***	***230***

EXECUTIVE SUMMARY

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/18/2015 has revealed that there are 3 FINDS sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LCW PARTNERS OIL AND	6433 E. 2ND STREET	0 - 1/8 (0.000 mi.)	B24	23
LCW OIL OPERATIONS P	6433 E 2ND STREET	0 - 1/8 (0.000 mi.)	B27	27
LCW BIXBY FIELD	6433 E. 2ND STREET	0 - 1/8 (0.000 mi.)	B30	29

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

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 7 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALAMITOS BAY MAINT Y Reg Id: 908030116	***6204 E 02ND ST***	***SW 0 - 1/8 (0.113 mi.)***	***G72***	***91***
ALAMITOS BAY PARTNER Reg Id: 908030125	***S/PCH N/MARINA DR W/***	***S 1/4 - 1/2 (0.330 mi.)***	***111***	***168***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAVES MARINA CHEVRON Reg Id: 908030098	***6301 WESTMINSTER AVE***	***SW 0 - 1/8 (0.044 mi.)***	***E44***	***36***
EXXONMOBIL OIL CORPO Reg Id: 908030016	***6401 E PACIFIC COAST***	***SW 0 - 1/8 (0.058 mi.)***	***E51***	***46***
TOSCO - 76 STATION # Reg Id: 908030052	***6280 002ND ST E***	***SW 0 - 1/8 (0.058 mi.)***	***E55***	***63***
MARINA SHIPYARD,INDE Reg Id: 908030089	***6400 MARINA DRIVE***	***SW 1/8 - 1/4 (0.173 mi.)***	***K97***	***130***
STATE LANDS COMMISSI Reg Id: 083000817T Reg Id: 083000526T	***PACIFIC COAST HWY***	***S 1/8 - 1/4 (0.233 mi.)***	***104***	***140***

CA DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CA DRYCLEANERS list, as provided by EDR, and dated 02/18/2015 has revealed that there

is 1 CA DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HYUNSUNG INC DBA: PA EPA Id: CAL000309524 EPA Id: CAL000254077 EPA Id: CAL000322792 EPA Id: CAL000268401 EPA Id: CAL000393903	6608 PACIFIC COAST H	S 0 - 1/8 (0.120 mi.)	I77	95

Los Angeles County Industrial Waste and Underground Storage Tank Sites.

A review of the CA LOS ANGELES CO. HMS list, as provided by EDR, and dated 11/24/2014 has revealed that there are 2 CA LOS ANGELES CO. HMS sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONOCO INC Facility ID: 004958-005144	6433 E 2ND ST	0 - 1/8 (0.000 mi.)	B29	29
BREITBURN ENERGY CO Facility ID: 004958-I05144	6433 E 2ND ST	0 - 1/8 (0.000 mi.)	B31	30

CA HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the CA HAZNET list, as provided by EDR, and dated 12/31/2013 has revealed that there is 1 CA HAZNET site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LCW OIL OPERATIONS L GEPAID: CAL000340237	6433 E 2ND ST	0 - 1/8 (0.000 mi.)	B28	27

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

A review of the CA HWP list, as provided by EDR, and dated 02/23/2015 has revealed that there are 2 CA HWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NAVAL WEAPONS STATIO EPA Id: CA0170024491 Cleanup Status: CLOSED	***800 SEAL BEACH BLVD***	***SE 1/2 - 1 (0.909 mi.)***	***R119***	***193***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALAMITOS STATION EPA Id: CAD009694795 Cleanup Status: UNKNOWN	***692 N STUDEBAKER RD***	***NE 0 - 1/8 (0.091 mi.)***	***H64***	***80***

EXECUTIVE SUMMARY

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 are 5 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OBERJUGER'S AL SERVI	6301 WESTMINSTER AVE	SW 0 - 1/8 (0.037 mi.)	E43	36
Not reported	6401 E PACIFIC COAST	SW 0 - 1/8 (0.058 mi.)	E52	60
CARL'S EXXON	6401 E PAC COAST HIG	SW 0 - 1/8 (0.062 mi.)	E59	75
Not reported	6615 E PACIFIC COAST	S 0 - 1/8 (0.109 mi.)	I69	89
Not reported	9131 MARINA PACIFIC	WSW 1/8 - 1/4 (0.218 mi.)	100	138

EDR US Hist 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.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 3 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	6481 E PAC CST HWY	S 0 - 1/8 (0.114 mi.)	J74	94
Not reported	6451 E PACIFIC COAST	SSW 0 - 1/8 (0.118 mi.)	75	94
Not reported	6608 E PACIFIC COAST	S 0 - 1/8 (0.120 mi.)	I76	95

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

Site Name	Database(s)
	CA CDL
	CA CDL
	CA CDL
DOW CHEMICAL CO SEAL BEACH PLT	CERC-NFRAP

OVERVIEW MAP - 04258573.2R

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

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: 160-Acre Site	CLIENT: Rincon
ADDRESS: Pacific Coast Highway/E 2nd Street Long Beach CA 90803	CONTACT: Devin Dinapoli INQUIRY #: 04258573.2r
LAT/LONG: 33.7613 / 118.1079	DATE: April 09, 2015 8:10 am

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DETAIL MAP - 04258573.2R

Lennox Dr
Linare
Perlit
Dario
Lennox Dr
Lennox Dr
Pacific Coast Hwy
Pacific Coast Hwy
Pacific Coast Hwy

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		1	0	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	1	1	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	1	0	NR	NR	1
Federal RCRA generators list								
RCRA-LQG	0.250		2	1	NR	NR	NR	3
RCRA-SQG	0.250	1	2	2	NR	NR	NR	5
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
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
Federal ERNS list								
ERNS	0.001		1	NR	NR	NR	NR	1
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		3	0	1	6	NR	10
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		3	3	2	NR	NR	8
State and tribal leaking storage tank lists								
CA LUST	0.500		5	2	1	NR	NR	8

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA SLIC	0.500		4	4	1	NR	NR	9
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
CA UST	0.250		10	6	NR	NR	NR	16
CA AST	0.250		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		1	0	1	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
CA WMUDS/SWAT	0.500		5	1	1	NR	NR	7
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA Toxic Pits	1.000		0	1	1	0	NR	2
CA AOCONCERN	1.000		0	0	0	0	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		2	1	NR	NR	NR	3
CA HIST UST	0.250	1	5	2	NR	NR	NR	8
CA SWEEPS UST	0.250		4	4	NR	NR	NR	8
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA LIENS	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		1	0	0	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001	1	2	NR	NR	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA Orange Co. Industrial Site	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
DOD	1.000		0	0	0	1	NR	1
FUDS	1.000		0	0	0	1	NR	1
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	0.001		0	NR	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
FINDS	0.001	1	3	NR	NR	NR	NR	4
RAATS	0.001		0	NR	NR	NR	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA UIC	0.001	17	0	NR	NR	NR	NR	17
CA Cortese	0.500		0	0	0	NR	NR	0
CA HIST CORTESE	0.500		4	2	1	NR	NR	7
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
CA DRYCLEANERS	0.250		1	0	NR	NR	NR	1
CA LOS ANGELES CO. HMS	0.001		2	NR	NR	NR	NR	2
CA WIP	0.250		0	0	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001	1	1	NR	NR	NR	NR	2
CA EMI	0.001	1	0	NR	NR	NR	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
CA HWP	1.000		1	0	0	1	NR	2
CA PROC	0.500		0	0	0	NR	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	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		4	1	NR	NR	NR	5
EDR US Hist Cleaners	0.250		3	0	NR	NR	NR	3
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	0.001		0	NR	NR	NR	NR	0
CA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		23	71	32	11	10	0	147

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248256** **N/A**

LOS ANGELES (County), CA

Site 1 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707132
Confidential Well:	No
Well Number:	60
Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	North Block
Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	8.578
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76326
Longitude:	-118.1110
Well Type:	Water Disposal
Well Status:	Idel

A2 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248257** **N/A**

LOS ANGELES (County), CA

Site 2 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707133
Confidential Well:	No
Well Number:	61
Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	North Block
Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	13.987
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76358
Longitude:	-118.1095
Well Type:	Water Flood
Well Status:	Idel

A3
Target Property

CA CHMIRS **S110977902**
N/A

E. 2ND ST. AT SHOPKEEPER ROAD
LONG BEACH, CA

Site 3 of 21 in cluster A

Actual: 13 ft.

CHMIRS:

OES Incident Number:	'10-0923
OES notification:	02/04/2010
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
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	unknown
Spill Site:	Waterways
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Pt.(s)
Other:	Not reported
Date/Time:	1040
Year:	2010
Agency:	LCW Operations
Incident Date:	2/4/2010
Admin Agency:	Long Beach Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	unknown
E Date:	Not reported
Substance:	Grease
Quantity Released:	40545
Unknown:	Not reported
Substance #2:	Not reported

(Continued) **S110977902**

Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	The caller believes the sheen was caused by pipe grease dropped on a pipe. The area is being cleaned up and an EPA coordinator is on the scene.

A4 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248224 N/A**

LOS ANGELES (County), CA

Site 4 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03706999
Confidential Well:	No
Well Number:	26
Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	South Block
Section:	11
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	5.594
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.75950
Longitude:	-118.1081
Well Type:	Water Disposal
Well Status:	Plugged

A5 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248247 N/A**

LOS ANGELES (County), CA

Site 5 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707023
Confidential Well:	No
Well Number:	50

SYNERGY OIL & GAS, LLC (Continued) **S116248247**

Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	North Block
Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	1.38
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76145
Longitude:	-118.1082
Well Type:	Water Flood
Well Status:	Idel

A6 Target Property **LONG BEACH WATER DEPARTMENT** **CA HAZNET** **S112951680**
6401 E 2ND ST **N/A**
LONG BEACH, CA 90803

Site 6 of 21 in cluster A

Actual: 13 ft.

HAZNET:

envid:	S112951680
Year:	2006
GEPAID:	CAC002600754
Contact:	JULIE WARNER-MGR
Telephone:	5625702368
Mailing Name:	Not reported
Mailing Address:	1800 E WARDLOW RD
Mailing City,St,Zip:	LONG BEACH, CA 908074931
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Transfer Station
Tons:	0.6
Facility County:	Los Angeles

A7 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248156**
N/A
LOS ANGELES (County), CA

Site 7 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03705601
Confidential Well:	No
Well Number:	73
Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	North Block

SYNERGY OIL & GAS, LLC (Continued) **S116248156**

Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	Not reported
Location Desc:	Not reported
GIS Source Code:	hud
Comments:	Not reported
Latitude:	33.76301
Longitude:	-118.1089
Well Type:	Water Flood
Well Status:	Plugged

A8 Target Property **LCW OIL OPERATIONS LLC** **RCRA-SQG** **1000155624**
6433 WESTMINSTER AVE **FINDS** **CAD981160310**
LONG BEACH, CA 90803

Site 8 of 21 in cluster A

Actual: 13 ft.

RCRA-SQG:

Date form received by agency:	03/24/1997
Facility name:	MCFARLAND ENERGY
Facility address:	6433 WESTMINSTER LONG BEACH, CA 90803
EPA ID:	CAD981160310
Mailing address:	10425 S PAINTER AVE SANTA FE SPRINGS, CA 90670
Contact:	REX HINOYOSA
Contact address:	6433 WESTMINSTER LONG BEACH, CA 90803
Contact country:	US
Contact telephone:	(310) 598-9955
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MCFARLAND ENERGY INC
Owner/operator address:	6433 WESTMINSTER LONG BEACH, CA 90670
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 598-9955
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212

LCW OIL OPERATIONS LLC (Continued) **1000155624**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 09/01/1996
Site name: MCFARLAND ENERGY
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110058304570

Environmental Interest/Information System
CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

Registry ID: 110002678004

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

A9 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248263** **N/A**

LOS ANGELES (County), CA

Site 9 of 21 in cluster A

Actual: 13 ft.

UIC:
API Number: 03707139
Confidential Well: No
Well Number: 67

SYNERGY OIL & GAS, LLC (Continued) **S116248263**

Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	North Block
Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	3.978
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76208
Longitude:	-118.1073
Well Type:	Water Flood
Well Status:	Plugged

A10 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248225** **N/A**

LOS ANGELES (County), CA

Site 10 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707000
Confidential Well:	No
Well Number:	27
Direction:	Directionally drilled
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	South Block
Section:	11
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	Not reported
Location Desc:	Not reported
GIS Source Code:	hud
Comments:	Not reported
Latitude:	33.75733
Longitude:	-118.1066
Well Type:	Water Disposal
Well Status:	Plugged

A11 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248264** **N/A**

LOS ANGELES (County), CA

Site 11 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707140
Confidential Well:	No
Well Number:	68

SYNERGY OIL & GAS, LLC (Continued) **S116248264**

Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	North Block
Section:	11
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	4.226
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.75847
Longitude:	-118.1043
Well Type:	Water Flood
Well Status:	Plugged

A12 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248254 N/A**

LOS ANGELES (County), CA

Site 12 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707130
Confidential Well:	No
Well Number:	58
Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	North Block
Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	6.028
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76113
Longitude:	-118.1052
Well Type:	Water Flood
Well Status:	Plugged

A13 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248258 N/A**

LOS ANGELES (County), CA

Site 13 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707134
Confidential Well:	No
Well Number:	62

SYNERGY OIL & GAS, LLC (Continued) **S116248258**

Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	South Block
Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	12.178
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76068
Longitude:	-118.1118
Well Type:	Water Flood
Well Status:	Idel

A14 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248261 N/A**

LOS ANGELES (County), CA

Site 14 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707137
Confidential Well:	No
Well Number:	65
Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	South Block
Section:	3
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	10.377
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76208
Longitude:	-118.1133
Well Type:	Water Flood
Well Status:	Idel

A15 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248202 N/A**

LOS ANGELES (County), CA

Site 15 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03706977
Confidential Well:	No
Well Number:	4

SYNERGY OIL & GAS, LLC (Continued) **S116248202**

Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	South Block
Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	8.359
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.75978
Longitude:	-118.1118
Well Type:	Water Flood
Well Status:	Idel

A16 Target Property **BREITBURN OPERATING, LP**
6433 WESTMINSTER AVE
LONG BEACH, CA 90805

CA HIST UST **U001565939**
CA EMI **N/A**

Site 16 of 21 in cluster A

Actual: 13 ft.

HIST UST:

Region:	STATE
Facility ID:	00000020581
Facility Type:	Other
Other Type:	OIL PRODUCTION
Contact Name:	KEN STALLINGS
Telephone:	2136989955
Owner Name:	CONOCO INC.
Owner Address:	2960 MAPLE CT., SUITE 128
Owner City,St,Zip:	VENTURA, CA 93003
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00007000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	9
Leak Detection:	Visual

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	56439
Air District Name:	SC
SIC Code:	1311
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:	17
Reactive Organic Gases Tons/Yr:	12

BREITBURN OPERATING, LP (Continued) **U001565939**

Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2006
County Code:	19
Air Basin:	SC
Facility ID:	150202
Air District Name:	SC
SIC Code:	1311
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.188210035325600914
Reactive Organic Gases Tons/Yr:	2.974
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 & Smllr Tons/Yr:	0

Year:	2007
County Code:	19
Air Basin:	SC
Facility ID:	150202
Air District Name:	SC
SIC Code:	1311
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.188210035325600914
Reactive Organic Gases Tons/Yr:	2.974
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 & Smllr Tons/Yr:	0

Year:	2008
County Code:	19
Air Basin:	SC
Facility ID:	150202
Air District Name:	SC
SIC Code:	1311
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.882679906188282017
Reactive Organic Gases Tons/Yr:	1.76810788687959569
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 & Smllr Tons/Yr:	0

BREITBURN OPERATING, LP (Continued) **U001565939**

Year:	2009
County Code:	19
Air Basin:	SC
Facility ID:	150202
Air District Name:	SC
SIC Code:	1311
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.29571353771947
Reactive Organic Gases Tons/Yr:	4.9180400000000004
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 & Smllr Tons/Yr:	0

A17 **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248185**
Target **N/A**
Property **LOS ANGELES (County), CA**

Site 17 of 21 in cluster A

Actual:
13 ft.

UIC:

API Number:	03706351
Confidential Well:	No
Well Number:	53
Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	North Block
Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	10.181
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76013
Longitude:	-118.1048
Well Type:	Water Disposal
Well Status:	Idel

A18 **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248272**
Target **N/A**
Property **LOS ANGELES (County), CA**

Site 18 of 21 in cluster A

Actual:
13 ft.

UIC:

API Number:	03707149
Confidential Well:	No
Well Number:	78
Direction:	Directionally drilled

SYNERGY OIL & GAS, LLC (Continued) **S116248272**

Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	South Block
Section:	3
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	11.559
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76225
Longitude:	-118.1138
Well Type:	Water Flood
Well Status:	Idel

A19 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248269 N/A**

LOS ANGELES (County), CA

Site 19 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707146
Confidential Well:	No
Well Number:	75
Direction:	Directionally drilled
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	North Block
Section:	2
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	8.756
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76322
Longitude:	-118.1109
Well Type:	Water Flood
Well Status:	Idel

A20 Target Property **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248244 N/A**

LOS ANGELES (County), CA

Site 20 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707019
Confidential Well:	No
Well Number:	46
Direction:	Unknown

SYNERGY OIL & GAS, LLC (Continued) **S116248244**

Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	South Block
Section:	11
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	3.82
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.76109
Longitude:	-118.1077
Well Type:	Water Disposal
Well Status:	Idel

A21 **SYNERGY OIL & GAS, LLC** **CA UIC** **S116248239**
Target Property **N/A**

LOS ANGELES (County), CA

Site 21 of 21 in cluster A

Actual: 13 ft.

UIC:

API Number:	03707014
Confidential Well:	No
Well Number:	41
Direction:	Unknown
Lease Name:	Bixby A
Well Located On A BLW Lease:	No
Field Name:	Seal Beach
Area Name:	South Block
Section:	11
Township:	05S
Range:	12W
Base And Meridian; Part Of The PLSS:	SB
Elevation:	9.708
Location Desc:	Not reported
GIS Source Code:	gps
Comments:	Not reported
Latitude:	33.75963
Longitude:	-118.1115
Well Type:	Water Disposal
Well Status:	Idel

DOD **SEAL BEACH NAVAL WEAPONS STATION** **DOD** **CUSA143790**
Region SE **N/A**
1/2-1 4239 ft.

SEAL BEACH NAVAL WEAPONS (County), CA

DOD:

Feature 1:	Navy DOD
Feature 2:	Not reported
Feature 3:	Not reported
URL:	Not reported

SEAL BEACH NAVAL WEAPONS STATION (Continued) **CUSA143790**

Name 1: Seal Beach Naval Weapons Station
Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes
Tile name: CAORANGE

B22 **ERNS** **2006792217**
6433 EAST 2ND ST **N/A**
< 1/8 **LONG BEACH, CA**
1 ft.

Site 1 of 10 in cluster B

Relative: Lower

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual: 7 ft.

B23 **CA CHMIRS** **S110978098**
6433 EAST 2ND STREET, LCW OIL OPERATIONS **N/A**
< 1/8 **LONG BEACH, CA 90803**
1 ft.

Site 2 of 10 in cluster B

Relative: Lower

Actual: 7 ft.

CHMIRS:

OES Incident Number:	'10-1171
OES notification:	02/15/2010
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
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Oil Field
Cleanup By:	ACTI Contractor

(Continued) **S110978098**

Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	600
Year:	2010
Agency:	LCW Oil Operations LLC
Incident Date:	2/15/2010
Admin Agency:	Long Beach Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Crude Oil
Quantity Released:	40831
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states a pinhole leak on the production line of an oil well resulted in the release of substance onto private property. The line has been clamped and booms are being placed to contain substance.

B24 **LCW PARTNERS OIL AND GAS** **FINDS** **1012131779**
6433 E. 2ND STREET **N/A**
< 1/8 **LONG BEACH, CA 90803**
1 ft.

Site 3 of 10 in cluster B

Relative:
Lower

Actual:
7 ft.

FINDS:

Registry ID: 110039151832

Environmental Interest/Information System

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also

LCW PARTNERS OIL AND GAS (Continued) **1012131779**

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.

B25 **CA CHMIRS** **S109040234**

6433 E. 2ND ST. **N/A**

< 1/8 **LONG BEACH, CA**

1 ft.

Site 4 of 10 in cluster B

Relative:
Lower

Actual:
7 ft.

CHMIRS:

OES Incident Number:	06-1830
OES notification:	03/28/2006
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
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2006
Agency:	Breitburn Energy
Incident Date:	3/28/2006 12:00:00 AM
Admin Agency:	Long Beach Fire Department
Amount:	Not reported
Contained:	Yes

(Continued) **S109040234**

Site Type:	Oil Field
E Date:	Not reported
Substance:	Oil
BBLS:	5
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Combination of a punctured tank and over flow caused this release.

B26 **LCW OIL OPERATIONS PCB SITE** **CERCLIS** **1012043078**
6433 E 2ND STREET **CAN000908768**
< 1/8 **LONG BEACH, CA 90803**
1 ft.

Site 5 of 10 in cluster B

Relative:
Lower

Actual:
7 ft.

CERCLIS:

Site ID:	0908768
EPA ID:	CAN000908768
Facility County:	LOS ANGELES
Short Name:	LCW OIL OPERATIONS PCB SI
Congressional District:	Not reported
IFMS ID:	09SL
SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	R
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date:	05/29/09
Site Fips Code:	06037
CC Concurrence Date:	/ /

LCW OIL OPERATIONS PCB SITE (Continued) **1012043078**

CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 9270721.00000
Contact Name: Robert Wise
Contact Tel: (562) 499-6312
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 06/05/09
Date Completed: 01/11/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL
Date Started: 01/06/10
Date Completed: 04/08/10
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: PRP Response Under State
Planning Status: Primary
Urgency Indicator: Emergency
Action Anomaly: Voluntary Cleanup Start and Complete

LCW OIL OPERATIONS PCB SITE (Continued) **1012043078**

Action Code:	001
Action:	NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started:	06/05/09
Date Completed:	04/09/10
Priority Level:	No PRPs Identified
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA In-House
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

B27 **LCW OIL OPERATIONS PCB SITE** **FINDS** **1012120691**
6433 E 2ND STREET **N/A**
< 1/8 **LONG BEACH, CA 90803**
1 ft.

Site 6 of 10 in cluster B

Relative: Lower

Actual: 7 ft.

FINDS:

Registry ID: 110039012804

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

B28 **LCW OIL OPERATIONS LLC** **CA HAZNET** **S113467067**
6433 E 2ND ST **N/A**
< 1/8 **LONG BEACH, CA 90803**
1 ft.

Site 7 of 10 in cluster B

Relative: Lower

Actual: 7 ft.

HAZNET:

envid:	S113467067
Year:	2013
GEPAID:	CAL000340237
Contact:	DAN BOYD
Telephone:	5624319505
Mailing Name:	Not reported
Mailing Address:	6433 E 2ND ST
Mailing City,St,Zip:	LONG BEACH, CA 908034205
Gen County:	Los Angeles
TSD EPA ID:	CAD981696420
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:	0.2
Facility County:	Not reported
envid:	S113467067

LCW OIL OPERATIONS LLC (Continued) **S113467067**

Year:	2013
GEPAID:	CAL000340237
Contact:	DAN BOYD
Telephone:	5624319505
Mailing Name:	Not reported
Mailing Address:	6433 E 2ND ST
Mailing City,St,Zip:	LONG BEACH, CA 908034205
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
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:	0.25
Facility County:	Not reported

envid:	S113467067
Year:	2013
GEPAID:	CAL000340237
Contact:	DAN BOYD
Telephone:	5624319505
Mailing Name:	Not reported
Mailing Address:	6433 E 2ND ST
Mailing City,St,Zip:	LONG BEACH, CA 908034205
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
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:	0.1668
Facility County:	Not reported

envid:	S113467067
Year:	2013
GEPAID:	CAL000340237
Contact:	DAN BOYD
Telephone:	5624319505
Mailing Name:	Not reported
Mailing Address:	6433 E 2ND ST
Mailing City,St,Zip:	LONG BEACH, CA 908034205
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
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:	0.084
Facility County:	Not reported

envid:	S113467067
Year:	2013
GEPAID:	CAL000340237
Contact:	DAN BOYD
Telephone:	5624319505
Mailing Name:	Not reported
Mailing Address:	6433 E 2ND ST

LCW OIL OPERATIONS LLC (Continued) **S113467067**

Mailing City,St,Zip: LONG BEACH, CA 908034205
Gen County: Los Angeles
TSD EPA ID: CAD028409019
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: 0.198
Facility County: Not reported

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

B29 **CONOCO INC** **CA LOS ANGELES CO. HMS** **S106915344**
6433 E 2ND ST **N/A**
< 1/8 **LONG BEACH, CA**
1 ft.

Site 8 of 10 in cluster B

Relative: Lower

Actual: 7 ft.

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 004958-005144
Facility Type: Not reported
Facility Status: OPEN
Area: 1C
Permit Number: Not reported
Permit Status: Not reported

B30 **LCW BIXBY FIELD** **FINDS** **1014674955**
6433 E. 2ND STREET **N/A**
< 1/8 **LONG BEACH, CA 90803**
1 ft.

Site 9 of 10 in cluster B

Relative: Lower

Actual: 7 ft.

FINDS:

Registry ID: 110041201302

Environmental Interest/Information System
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

B31 **BREITBURN ENERGY CO** **CA LOS ANGELES CO. HMS** **S106915343**
6433 E 2ND ST **N/A**
< 1/8 **LONG BEACH, CA**
1 ft.

Site 10 of 10 in cluster B

Relative:
Lower

Actual:
7 ft.

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	004958-I05144
Facility Type:	Not reported
Facility Status:	OPEN
Area:	1C
Permit Number:	Not reported
Permit Status:	Not reported

C32 **CITY DUMP & SALVAGE NO. 1** **CA WMUDS/SWAT** **S104156310**
WSW **6363 PACIFIC COAST HIGHWAY** **N/A**
< 1/8 **LONG BEACH, CA**
0.002 mi.
13 ft.

Site 1 of 3 in cluster C

Relative:
Lower

Actual:
7 ft.

WMUDS/SWAT:

Edit Date:	19950126
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	56-110
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	CITY DUMP AND SALVAGE
Agency Department:	Not reported
Agency Address:	411 FLINT AVENUE
Agency City,St,Zip:	LONG BEACH
Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	BIXBY RANCH COMPANY
Land Owner Address:	523 WEST 6TH STREET
Land Owner City,St,Zip:	LOS ANGELES, CA 90014
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	JHMJHMJHM
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False

CITY DUMP & SALVAGE NO. 1 (Continued) **S104156310**

Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	CITY DUMP AND SALVAGE
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	B_P
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4 190025NUR
Solid Waste Information ID:	Not reported

C33
WSW
< 1/8
0.002 mi.
13 ft.

Relative:
Lower

Actual:
7 ft.

6363 E PACIFIC COAST HWY **CA UST** **U003920223**
LONG BEACH, CA **N/A**

Site 2 of 3 in cluster C

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

34
West
< 1/8
0.006 mi.
30 ft.

Relative:
Lower

Actual:
12 ft.

TERMO CO - SEAL BEACH LEASE **CA NPDES** **S104404903**
6301 PACIFIC COAST **CA SLIC** **N/A**
LONG BEACH, CA 90803

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	190160
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I011527
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/05/1995
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Termo Co
Discharge Address:	PO Box 2767
Discharge City:	Long Beach
Discharge State:	California
Discharge Zip:	90801

TERMO CO - SEAL BEACH LEASE (Continued) **S104404903**

SLIC REG 4:

Region:	4
Facility Status:	Post Remediation Monitoring
SLIC:	0576
Substance:	TPH
Staff:	DY

C35 SW < 1/8 0.010 mi. 51 ft. **TERMO OIL SITE** **CA SLIC** **S106483748**
6301 PACIFIC COAST HWY E **N/A**
LONG BEACH, CA

Site 3 of 3 in cluster C

Relative: Lower

Actual: 8 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Verification Monitoring**
Status Date:	06/30/2000
Global Id:	SL184481431
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.7630494287113
Longitude:	-118.114072680473
Case Type:	Cleanup Program Site
Case Worker:	DY
Local Agency:	Not reported
RB Case Number:	0576
File Location:	Regional Board
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Soil closure was granted for the targeted area of investigation (Parcel No. 7) in a Regional Board letter dated April 16, 1997. Due to sheen being seen in groundwater monitoring well MW-2, additional groundwater monitoring was required. Presently (2007), the property has active oil pumping wells in operation at the southwestern and and western portions of the site.

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

D36 West < 1/8 0.022 mi. 115 ft. **MARINA PACIFICA MALL** **CA SLIC** **S106485528**
6300 E. PACIFIC COAST HWY **N/A**
LONG BEACH, CA 90803

Site 1 of 2 in cluster D

Relative: Lower

Actual: 10 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/22/1995
Global Id:	SLT43209207
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.8038112212478
Longitude:	-118.164083698727
Case Type:	Cleanup Program Site
Case Worker:	RC
Local Agency:	Not reported

MARINA PACIFICA MALL (Continued) **S106485528**

RB Case Number: 0314
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

D37
West
< 1/8
0.022 mi.
115 ft.

MARINA PACIFICA MALL
6300 PACIFIC COAST
LONG BEACH, CA 90803

CA SLIC **S104404906**
N/A

Site 2 of 2 in cluster D

Relative:
Lower

Actual:
10 ft.

SLIC REG 4:
Region: 4
Facility Status: No further action required
SLIC: 0314
Substance: TPH
Staff: Rebecca Chou

E38
SW
< 1/8
0.027 mi.
143 ft.

6380 E PACIFIC COAST HWY
LONG BEACH, CA

CA UST **U003920224**
N/A

Site 1 of 17 in cluster E

Relative:
Lower

Actual:
9 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0T
Tank Test: Not reported
Leak Test: Not reported
Tank Status: Not reported

F39
WNW
< 1/8
0.034 mi.
178 ft.

CITY OF LONG BEACH
6264 PACIFIC COAST HWY
LONG BEACH, CA 90803

CA UST **U003779418**
CA SWEEPS UST **N/A**

Site 1 of 3 in cluster F

Relative:
Lower

Actual:
8 ft.

UST:
Facility ID: 19-060-003591
Permitting Agency: LONG BEACH, CITY OF
Latitude: 33.76249
Longitude: -118.11501

SWEEPS UST:
Status: Active
Comp Number: 33995
Number: 4
Board Of Equalization: Not reported
Referral Date: 02-16-93
Action Date: 06-15-93

CITY OF LONG BEACH (Continued) **U003779418**

Created Date:	06-15-93
Owner Tank Id:	27914
SWRCB Tank Id:	19-060-033995-000001
Tank Status:	A
Capacity:	500
Active Date:	02-16-93
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	1

F40
WNW
< 1/8
0.034 mi.
178 ft.

LONG BEACH MARINE BUREAU (500 D/W JOOR) **CA UST** **U003661262**
6264 E PACIFIC COAST HWY **N/A**
LONG BEACH, CA

Site 2 of 3 in cluster F

Relative:
Lower

Actual:
8 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	1T
Tank Test:	Dual Walled
Leak Test:	Not reported
Tank Status:	Not reported

41
NE
< 1/8
0.036 mi.
188 ft.

LOYNES BEACH PARTNERS LLC **CA ENVIROSTOR** **S116490700**
400 N STUDEBAKER ROAD **N/A**
LONG BEACH, CA 90803

Relative:
Lower

Actual:
0 ft.

ENVIROSTOR:

Facility ID:	60001986
Status:	Active
Status Date:	02/01/2014
Site Code:	530078
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	18
NPL:	NO
Regulatory Agencies:	HWMP, SMBRP
Lead Agency:	SMBRP
Program Manager:	Steven Rounds
Supervisor:	Allan Plaza
Division Branch:	Cleanup Chatsworth
Assembly:	70
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.77373
Longitude:	-118.1032
APN:	NONE SPECIFIED
Past Use:	ABOVE GROUND STORAGE TANKS
Potential COC:	PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016 Vanadium and

LOYNES BEACH PARTNERS LLC (Continued) **S116490700**

compounds
Confirmed COC: 30587-NO 30469-NO
Potential Description: SOIL, SV
Alias Name: CAL000274189
Alias Type: EPA Identification Number
Alias Name: 530078
Alias Type: Project Code (Site Code)
Alias Name: 60001986
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 07/16/2014
Comments: Workplan approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 02/18/2014
Comments: CACA signed 2/18/2014

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/06/2014
Comments: Sent.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: RFI Report
Schedule Due Date: 03/19/2015
Schedule Revised Date: Not reported

F42 **CA UST** **U003920222**
WNW **6262 E PACIFIC COAST HWY** **N/A**
< 1/8 **LONG BEACH, CA**
0.036 mi.
191 ft. **Site 3 of 3 in cluster F**

Relative:
Lower

Actual:
8 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0F
Tank Test: Not reported
Leak Test: Not reported
Tank Status: Not reported

E43 SW < 1/8 0.037 mi. 193 ft. | **OBERJUGER'S AL SERVICE**
6301 WESTMINSTER AVE
LONG BEACH, CA 90745

Site 2 of 17 in cluster E

EDR US Hist Auto Stat | **1009121134**
N/A

Relative: Lower

Actual: 7 ft.

EDR Historical Auto Stations:

Name:	OBERJUGER'S AL SERVICE
Year:	1976
Type:	Not reported

E44 SW < 1/8 0.044 mi. 233 ft. | **DAVES MARINA CHEVRON**
6301 WESTMINSTER AVE
LONG BEACH, CA 90802

Site 3 of 17 in cluster E

RCRA-SQG
FINDS
CA HIST CORTESE
CA LUST
CA HAZNET

1000221225
CAD981657109

Relative: Lower

Actual: 7 ft.

RCRA-SQG:

Date form received by agency:	09/25/1986
Facility name:	DAVES MARINA CHEVRON
Facility address:	6301 WESTMINSTER AVE LONG BEACH, CA 90802
EPA ID:	CAD981657109
Mailing address:	WESTMINSTER AVE LONG BEACH, CA 90802
Contact:	ENVIRONMENTAL MANAGER
Contact address:	6301 WESTMINSTER AVE LONG BEACH, CA 90802
Contact country:	US
Contact telephone:	(213) 594-4094
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

Owner/operator name:	DAVE NEWTON ENT INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

DAVES MARINA CHEVRON (Continued) **1000221225**

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002739939

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

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908030098

LUST:

Region:	STATE
Global Id:	T0603701725
Latitude:	33.7582713
Longitude:	-118.1112401
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/11/1995
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908030098
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

DAVES MARINA CHEVRON (Continued) **1000221225**

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

Contact:

Global Id:	T0603701725
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701725
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701725
Status:	Open - Case Begin Date
Status Date:	10/16/1987

Global Id:	T0603701725
Status:	Completed - Case Closed
Status Date:	01/11/1995

Global Id:	T0603701725
Status:	Open - Site Assessment
Status Date:	01/12/1989

Regulatory Activities:

Global Id:	T0603701725
Action Type:	Other
Date:	10/16/1987
Action:	Leak Discovery

Global Id:	T0603701725
Action Type:	Other
Date:	10/16/1987
Action:	Leak Reported

HAZNET:

envid:	1000221225
Year:	1996
GEPAID:	CAD981657109
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	6301 WESTMINSTER AVE
Mailing City,St,Zip:	LONG BEACH, CA 908020000

DAVES MARINA CHEVRON (Continued) **1000221225**

Gen County:	Not reported
TSD EPA ID:	CAD050099696
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Tons:	.4170
Facility County:	Los Angeles

envid:	1000221225
Year:	1993
GEPAID:	CAD981657109
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	6301 WESTMINSTER AVE
Mailing City,St,Zip:	LONG BEACH, CA 908020000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Tons:	0.20849999999
Facility County:	Los Angeles

E45 **CHEVRON #9-0016** **CA LUST** **S102427054**
SW **6301 WESTMINSTER AVE** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.044 mi.
233 ft. **Site 4 of 17 in cluster E**

Relative:
Lower

Actual:
7 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	908030098	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Containment Barrier
Global ID:	T0603701725	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19060	
Cross Street:	PCH	
Enforcement Type:	Not reported	
Date Leak Discovered:	10/16/1987	
Date Leak First Reported:		10/16/1987
Date Leak Record Entered:	1/12/1989	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		1/11/1995
Date the Case was Closed:		1/11/1995
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	

CHEVRON #9-0016 (Continued) **S102427054**

Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	11600.70672425608859934235094 9
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	1/12/1989
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CHEVRON
RP Address:	PO BOX 2833, LA HABRA 90632-2833
Program:	LUST
Lat/Long:	33.7582713 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	EXXON STATION ACROSS STREET. WATER SUPPLY PIPELINE DAMAGED.

E46 **CHEVRON STATION 9-0016** **CA FID UST** **S101582926**
SW **6301 WESTMINSTER BLVD** **CA SWEEPS UST** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.044 mi.
233 ft. **Site 5 of 17 in cluster E**

Relative:
Lower

Actual:
7 ft.

CA FID UST:

Facility ID:	19001881
Regulated By:	UTNKA
Regulated ID:	00061685
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2135944094
Mail To:	Not reported
Mailing Address:	6301 WESTMINSTER BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG BEACH 90803
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CHEVRON STATION 9-0016 (Continued) **S101582926**

SWEEPS UST:

Status:	Active
Comp Number:	61685
Number:	1
Board Of Equalization:	44-013649
Referral Date:	03-23-92
Action Date:	03-23-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-060-061685-000001
Tank Status:	A
Capacity:	10000
Active Date:	03-23-92
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	4

Status:	Active
Comp Number:	61685
Number:	1
Board Of Equalization:	44-013649
Referral Date:	03-23-92
Action Date:	03-23-92
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	19-060-061685-000002
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	61685
Number:	1
Board Of Equalization:	44-013649
Referral Date:	03-23-92
Action Date:	03-23-92
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	19-060-061685-000003
Tank Status:	A
Capacity:	5000
Active Date:	03-23-92
Tank Use:	M.V. FUEL
STG:	P
Content:	MID-GRADE UN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	61685
Number:	1
Board Of Equalization:	44-013649
Referral Date:	03-23-92

CHEVRON STATION 9-0016 (Continued) **S101582926**

Action Date:	03-23-92
Created Date:	02-29-88
Owner Tank Id:	4
SWRCB Tank Id:	19-060-061685-000004
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

E47 **VACANT (DAVE'S MARINA CHEVRON)** **CA UST** **U003661647**
SW **6301 WESTMINSTER AVE** **N/A**
< 1/8 **LONG BEACH, CA**
0.044 mi.
233 ft. **Site 6 of 17 in cluster E**

Relative:
Lower

Actual:
7 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

E48 **90016** **CA HIST UST** **U001565875**
SW **6301 WESTMINSTER AVE** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.044 mi.
233 ft. **Site 7 of 17 in cluster E**

Relative:
Lower

Actual:
7 ft.

HIST UST:

Region:	STATE
Facility ID:	00000061685
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	NEWTON,DAVID
Telephone:	2135944094
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1970
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1970

90016 (Continued) **U001565875**

Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	3
Year Installed:	1970
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	4
Year Installed:	1970
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000130
Leak Detection:	Stock Inventor

E49 **CVS PHARMACY NO 10008** **RCRA-LQG** **1016674850**
SW **6265 E 2ND ST** **FINDS** **CAR000244442**
< 1/8 **LONG BEACH, CA 90803**
0.055 mi.
289 ft. **Site 8 of 17 in cluster E**

Relative:
Lower

Actual:
11 ft.

RCRA-LQG:

Date form received by agency:	03/18/2014
Facility name:	CVS PHARMACY NO 10008
Facility address:	6265 E 2ND ST NO 101 LONG BEACH, CA 90803
EPA ID:	CAR000244442
Mailing address:	ONE CVS DR WOONSOCKET, RI 02895
Contact:	WENDY L BRANT
Contact address:	ONE CVS DR WOONSOCKET, RI 02895
Contact country:	US
Contact telephone:	401-765-1500
Contact email:	WENDY.BRANT@CVSCAREMARK.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

CVS PHARMACY NO 10008 (Continued) **1016674850**

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	ALAMITOS BAY PARTNERSHIP LLC
Owner/operator address:	2200 W VALLEY BLVD ALHAMBRA, CA 91803
Owner/operator country:	US
Owner/operator telephone:	626-576-0737
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/11/2012
Owner/Op end date:	Not reported

Owner/operator name:	GARFIELD BEACH CVS LLC
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:	02/16/2014
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110058882605

Environmental Interest/Information System

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

50 NNE < 1/8 0.055 mi. 292 ft. | **CITY DUMP & SALVAGE NO. 4**
STUDEBAKER RD & VISTA ST
LONG BEACH, CA | **CA SWF/LF**
CA WMUDS/SWAT | **S102360867**
N/A

Relative: Lower

Actual: 0 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	19-AK-5004
Lat/Long:	33.7650000 / -118.10359
Owner Name:	Bixby Ranch Co
Owner Telephone:	3104931475
Owner Address:	Not reported
Owner Address2:	3010 Old Ranch Parkway #100
Owner City,St,Zip:	Seal Beach, CA 90740
Operational Status:	Closed
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	0
Activity:	Solid Waste Disposal Site
Regulation Status:	Unpermitted
Landuse Name:	Not reported
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	0
SWIS Num:	19-AK-5004
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	33.7650000 / -118.10359

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False

CITY DUMP & SALVAGE NO. 4 (Continued) **S102360867**

Waste List:	False
Agency Type:	Not reported
Agency Name:	CITY DUMP AND SALVAGE
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	BIXBY RANCH COMPANY
Land Owner Address:	523 WEST 6TH STREET
Land Owner City,St,Zip:	LOS ANGELES, CA 90014
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	CITY DUMP AND SALVAGE
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	LT
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4 190052NUR
Solid Waste Information ID:	Not reported

E51 **EXXONMOBIL OIL CORPORATION 13005** **RCRA-SQG** **1000337799**
SW **6401 E PACIFIC COAST HWY** **FINDS** **CAD981381049**
< 1/8 **LONG BEACH, CA 90803** **CA HIST CORTESE**
0.058 mi. **CA LUST**
305 ft. **Site 9 of 17 in cluster E** **CA HIST UST**

Relative:
Lower

Actual:
9 ft.

RCRA-SQG:

Date form received by agency:	07/31/2006
Facility name:	EXXONMOBIL OIL CORPORATION 13005
Facility address:	6401 E PACIFIC COAST HWY LONG BEACH, CA 90803
EPA ID:	CAD981381049
Mailing address:	16945 NORTHCHASE DR RM 538 HOUSTON, TX 77060
Contact:	DALE VIATOR
Contact address:	16945 NORTHCHASE DR RM 538 HOUSTON, TX 77060
Contact country:	US

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Contact telephone: 281-654-8470
Contact email: DALE.VIATOR@EXXONMOBIL.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: EXXONMOBIL OIL CORPORATION
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: 12/01/1999
Owner/Op end date: Not reported

Owner/operator name: EXXONMOBIL OIL CORPORATION
Owner/operator address: 3225 GALLOWS RD
FAIRFAX, VA 22037
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/01/1999
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: 06/13/2006
Site name: EXXONMOBIL OIL CORPORATION 730470
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 09/01/1996
Site name: EXXON STA NO 73047
Classification: Small Quantity Generator

Date form received by agency: 02/20/1986
Site name: EXXON STA NO 73047
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110055877216

Environmental Interest/Information System
STATE MASTER

Registry ID: 110002687673

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

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908030016

LUST:
Region: STATE
Global Id: T0603701717
Latitude: 33.7579384925876
Longitude: -118.11067700386
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 03/03/2010
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: DMB
Local Agency: LONG BEACH, CITY OF
RB Case Number: 908030016
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Contact:

Global Id:	T0603701717
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701717
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID M. BJOSTAD
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200
City:	Los Angeles
Email:	dbjostad@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701717
Status:	Open - Site Assessment
Status Date:	06/08/2007

Global Id:	T0603701717
Status:	Open - Verification Monitoring
Status Date:	04/06/1988

Global Id:	T0603701717
Status:	Open - Case Begin Date
Status Date:	04/20/1983

Global Id:	T0603701717
Status:	Open - Remediation
Status Date:	06/09/1999

Global Id:	T0603701717
Status:	Open - Remediation
Status Date:	12/07/1999

Global Id:	T0603701717
Status:	Open - Remediation
Status Date:	10/18/2004

Global Id:	T0603701717
Status:	Open - Remediation
Status Date:	01/14/2005

Global Id:	T0603701717
Status:	Open - Remediation
Status Date:	07/15/2005

Global Id:	T0603701717
Status:	Open - Remediation
Status Date:	10/14/2005

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Global Id: T0603701717
Status: Open - Remediation
Status Date: 01/13/2006

Global Id: T0603701717
Status: Open - Remediation
Status Date: 04/14/2006

Global Id: T0603701717
Status: Open - Remediation
Status Date: 07/13/2006

Global Id: T0603701717
Status: Open - Remediation
Status Date: 10/16/2006

Global Id: T0603701717
Status: Open - Remediation
Status Date: 01/16/2007

Global Id: T0603701717
Status: Open - Remediation
Status Date: 04/16/2007

Global Id: T0603701717
Status: Open - Remediation
Status Date: 07/16/2007

Global Id: T0603701717
Status: Open - Remediation
Status Date: 10/11/2007

Global Id: T0603701717
Status: Open - Remediation
Status Date: 01/16/2008

Global Id: T0603701717
Status: Open - Remediation
Status Date: 03/03/2010

Global Id: T0603701717
Status: Open - Site Assessment
Status Date: 06/30/1995

Global Id: T0603701717
Status: Open - Site Assessment
Status Date: 05/11/2004

Regulatory Activities:
Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 06/05/2003
Action: Staff Letter

Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 02/24/2003

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Action: Staff Letter

Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 10/25/2002
Action: Site Visit / Inspection / Sampling

Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 01/26/2004
Action: Staff Letter

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2014
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 05/11/2004
Action: Staff Letter

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603701717
Action Type: RESPONSE
Date: 06/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Global Id: T0603701717
Action Type: RESPONSE
Date: 02/18/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 06/15/2004
Action: Other Report / Document

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/30/2004
Action: Soil and Water Investigation Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2005
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: REMEDIATION

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Date: 09/03/1998
Action: Soil Vapor Extraction (SVE)

Global Id: T0603701717
Action Type: REMEDIATION
Date: 09/03/1998
Action: Free Product Removal

Global Id: T0603701717
Action Type: REMEDIATION
Date: 04/12/2006
Action: Pump & Treat (P&T) Groundwater

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: Other
Date: 04/06/1988
Action: Leak Reported

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2006
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2008
Action: Remedial Progress Report

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: RESPONSE
Date: 08/29/2012
Action: Well Installation Workplan

Global Id: T0603701717
Action Type: RESPONSE
Date: 08/29/2012
Action: Pilot Study / Treatability Workplan

Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 05/30/2003
Action: Staff Letter

Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 10/16/2003
Action: Staff Letter

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2005
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2005
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2006
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Date: 10/15/2006
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2007
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/31/2012
Action: Correspondence

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2007
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2007
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2007
Action: CAP/RAP - Feasibility Study Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2004
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Date: 07/15/2007
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2006
Action: Remedial Progress Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 04/15/1999
Action: Staff Letter

Global Id: T0603701717
Action Type: ENFORCEMENT
Date: 05/20/2002
Action: Staff Letter

Global Id: T0603701717
Action Type: RESPONSE
Date: 03/13/2003
Action: Soil and Water Investigation Report

Global Id: T0603701717
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701717
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Global Id:	T0603701717
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Monitoring Report - Semi-Annually

Global Id:	T0603701717
Action Type:	RESPONSE
Date:	01/15/2015
Action:	Remedial Progress Report

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908030016
Status:	Pollution Characterization
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	FP VE
Global ID:	T0603701717
W Global ID:	Not reported
Staff:	JLC
Local Agency:	19060
Cross Street:	WESTMINSTER
Enforcement Type:	SEL
Date Leak Discovered:	Not reported
Date Leak First Reported:	4/6/1988
Date Leak Record Entered:	12/31/1986
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	8/28/2002
Date the Case was Closed:	Not reported
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	11590.310436452441846753409696
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	6/30/1995
Preliminary Site Assessment Began:	6/30/1995
Pollution Characterization Began:	5/16/2003
Remediation Plan Submitted:	6/9/1999
Remedial Action Underway:	12/7/1999
Post Remedial Action Monitoring Began:	4/6/1988
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	8/1/1996
Hist Max MTBE Conc in Groundwater:	750000
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	MS. MARLA GUENSLER
RP Address:	20372 N. SEA CIRCLE
Program:	LUST
Lat/Long:	33.7581443 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	7/14/00 2ND QTR GW MON RPT 2000; 11/10/00 3RD QTR GW MON RPT 2000; 1/12/01 4TH QTR GW MON RPT 2000; 4/12/01 1ST QTR GW MON RPT 2001

HIST UST:

Region:	STATE
Facility ID:	00000029321
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	MIKE SAIRAFE
Telephone:	2135963176
Owner Name:	EXXON COMPANY U.S.A.
Owner Address:	16945 NORTHCHASE BLVD.
Owner City,St,Zip:	HOUSTON, TX 77210
Total Tanks:	0005
Tank Num:	001
Container Num:	1
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1982

EXXONMOBIL OIL CORPORATION 13005 (Continued) **1000337799**

Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	005
Container Num:	5
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

E52 **EDR US Hist Auto Stat** **1015587566**
SW **6401 E PACIFIC COAST HWY** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.058 mi.
305 ft. **Site 10 of 17 in cluster E**

Relative:
Lower

Actual:
9 ft.

EDR Historical Auto Stations:

Name:	PCH MOBIL
Year:	2004
Address:	6401 E PACIFIC COAST HWY

Name:	PCH MOBILE
Year:	2005
Address:	6401 E PACIFIC COAST HWY

Name:	PCH MOBILE
Year:	2006
Address:	6401 E PACIFIC COAST HWY

Name:	PCH MOBILE
Year:	2007
Address:	6401 E PACIFIC COAST HWY

Name:	PCH MOBIL
Year:	2010
Address:	6401 E PACIFIC COAST HWY

Name:	PCH MOBIL
Year:	2011
Address:	6401 E PACIFIC COAST HWY

Name:	PCH MOBIL
Year:	2012
Address:	6401 E PACIFIC COAST HWY

E53
SW
< 1/8
0.058 mi.
305 ft.

MOBIL SS#18-BT7
6401 E PACIFIC COAST HWY
LONG BEACH, CA 90803

CA UST **U003854852**
N/A

Site 11 of 17 in cluster E

Relative:
Lower

Actual:
9 ft.

UST:

Facility ID:	19-060-002431
Permitting Agency:	LONG BEACH, CITY OF
Latitude:	33.75764
Longitude:	-118.11069

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	4T
Tank Test:	Dual Walled
Leak Test:	Not reported
Tank Status:	Not reported

Region:	LONG BEACH
Tanks:	Not reported
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

E54
SW
< 1/8
0.058 mi.
305 ft.

EXXON RIS #73047
6401 E PACIFIC COAST HWY
LONG BEACH, CA 90803

CA FID UST **S101585133**
CA SWEEPS UST **N/A**

Site 12 of 17 in cluster E

Relative:
Lower

Actual:
9 ft.

CA FID UST:

Facility ID:	19020052
Regulated By:	UTNKA
Regulated ID:	00029321
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2135963176
Mail To:	Not reported
Mailing Address:	PO BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG BEACH 90803
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	29321
Number:	1
Board Of Equalization:	44-000285
Referral Date:	09-24-93
Action Date:	04-18-94

EXXON RIS #73047 (Continued) **S101585133**

Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	19-060-029321-000001
Tank Status:	A
Capacity:	10000
Active Date:	09-24-93
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	6

Status:	Active
Comp Number:	29321
Number:	1
Board Of Equalization:	44-000285
Referral Date:	09-24-93
Action Date:	04-18-94
Created Date:	02-29-88
Owner Tank Id:	4
SWRCB Tank Id:	19-060-029321-000002
Tank Status:	A
Capacity:	10000
Active Date:	09-24-93
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	29321
Number:	1
Board Of Equalization:	44-000285
Referral Date:	09-24-93
Action Date:	04-18-94
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	19-060-029321-000003
Tank Status:	A
Capacity:	10000
Active Date:	09-24-93
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	29321
Number:	1
Board Of Equalization:	44-000285
Referral Date:	09-24-93
Action Date:	04-18-94
Created Date:	02-29-88
Owner Tank Id:	3
SWRCB Tank Id:	19-060-029321-000004
Tank Status:	A
Capacity:	10000
Active Date:	09-24-93

EXXON RIS #73047 (Continued) **S101585133**

Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 29321
Number: 1
Board Of Equalization: 44-000285
Referral Date: 09-24-93
Action Date: 04-18-94
Created Date: 02-29-88
Owner Tank Id: 5
SWRCB Tank Id: 19-060-029321-000005
Tank Status: A
Capacity: 1000
Active Date: 09-24-93
Tank Use: PETROLEUM
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 29321
Number: 1
Board Of Equalization: 44-000285
Referral Date: 09-24-93
Action Date: 04-18-94
Created Date: 02-29-88
Owner Tank Id: 6
SWRCB Tank Id: 19-060-029321-000006
Tank Status: A
Capacity: 500
Active Date: 09-24-93
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

E55 **TOSCO - 76 STATION #5379 (FORMER)** **CA HIST CORTESE** **S101296826**
SW **6280 002ND ST E** **CA LUST** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.058 mi.
306 ft. **Site 13 of 17 in cluster E**

Relative:
Lower

Actual:
10 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908030052

LUST:
Region: STATE
Global Id: T0603701721
Latitude: 33.7577868545749
Longitude: -118.111299276352
Case Type: LUST Cleanup Site

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

Status:	Open - Remediation
Status Date:	10/20/2009
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DMB
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908030052
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

Contact:

Global Id:	T0603701721
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID M. BJOSTAD
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200
City:	Los Angeles
Email:	dbjostad@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701721
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701721
Status:	Open - Site Assessment
Status Date:	01/17/2006

Global Id:	T0603701721
Status:	Open - Verification Monitoring
Status Date:	09/16/1987

Global Id:	T0603701721
Status:	Open - Case Begin Date
Status Date:	09/05/1985

Global Id:	T0603701721
Status:	Open - Remediation
Status Date:	03/15/2001

Global Id:	T0603701721
Status:	Open - Remediation
Status Date:	05/22/2003

Global Id:	T0603701721
Status:	Open - Remediation
Status Date:	07/09/2003

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

Global Id: T0603701721
Status: Open - Remediation
Status Date: 12/10/2004

Global Id: T0603701721
Status: Open - Remediation
Status Date: 11/01/2006

Global Id: T0603701721
Status: Open - Remediation
Status Date: 01/19/2007

Global Id: T0603701721
Status: Open - Remediation
Status Date: 04/16/2007

Global Id: T0603701721
Status: Open - Remediation
Status Date: 07/25/2007

Global Id: T0603701721
Status: Open - Remediation
Status Date: 10/30/2007

Global Id: T0603701721
Status: Open - Remediation
Status Date: 10/20/2009

Global Id: T0603701721
Status: Open - Site Assessment
Status Date: 09/05/1985

Global Id: T0603701721
Status: Open - Site Assessment
Status Date: 11/19/1987

Global Id: T0603701721
Status: Open - Site Assessment
Status Date: 06/22/2000

Global Id: T0603701721
Status: Open - Site Assessment
Status Date: 10/22/2003

Regulatory Activities:
Global Id: T0603701721
Action Type: ENFORCEMENT
Date: 01/09/2004
Action: Staff Letter

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 12/19/2012
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 08/11/2010
Action: Soil and Water Investigation Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/18/2010
Action: Soil and Water Investigation Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2010
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2010
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: REMEDIATION
Date: 07/01/1998
Action: Excavation

Global Id: T0603701721
Action Type: REMEDIATION
Date: 02/10/2004
Action: In Situ Biological Treatment

Global Id: T0603701721
Action Type: ENFORCEMENT
Date: 12/16/2010
Action: Staff Letter

Global Id: T0603701721
Action Type: RESPONSE
Date: 02/16/2002
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 05/24/2011
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2011
Action: Other Report / Document

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603701721
Action Type: REMEDIATION
Date: 07/01/1997
Action: Free Product Removal

Global Id: T0603701721
Action Type: REMEDIATION
Date: 07/01/1998
Action: Other (Use Description Field)

Global Id: T0603701721
Action Type: REMEDIATION
Date: 11/17/2009
Action: Pump & Treat (P&T) Groundwater

Global Id: T0603701721
Action Type: ENFORCEMENT
Date: 07/09/2003
Action: Staff Letter

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2007
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2007
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2012
Action: Remedial Progress Report

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701721
Action Type: Other
Date: 09/16/1987
Action: Leak Reported

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/12/2006
Action: Soil and Water Investigation Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/17/2006
Action: Soil and Water Investigation Workplan

Global Id: T0603701721
Action Type: RESPONSE
Date: 06/15/2012
Action: Well Installation Workplan

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2012
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

Date: 10/15/2006
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2003
Action: Preliminary Site Assessment Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2013
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: ENFORCEMENT
Date: 09/25/2008
Action: Meeting

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2007
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2013
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2008
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/23/2009
Action: Interim Remedial Action Plan

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2007
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/04/2013
Action: Site Assessment Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 12/12/2013
Action: Conceptual Site Model

Global Id: T0603701721
Action Type: ENFORCEMENT

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701721
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701721
Action Type: RESPONSE
Date: 10/15/2008
Action: Remedial Progress Report

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701721
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603701721
Action Type: ENFORCEMENT
Date: 11/16/2001
Action: Staff Letter

Global Id: T0603701721
Action Type: ENFORCEMENT
Date: 09/14/1999
Action: Staff Letter

Global Id: T0603701721
Action Type: ENFORCEMENT
Date: 10/21/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0603701721
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

LUST REG 4:
Region: 4
Regional Board: 04

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

County:	Los Angeles	
Facility Id:	908030052	
Status:	Remedial action (cleanup) Underway	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0603701721	
W Global ID:	Not reported	
Staff:	HDN	
Local Agency:	19060	
Cross Street:	PCH	
Enforcement Type:	DLSEL	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		9/16/1987
Date Leak Record Entered:	3/10/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		7/15/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		11867.0816945719120221151518 81
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		9/5/1985
Preliminary Site Assessment Began:		11/19/1987
Pollution Characterization Began:		6/22/2000
Remediation Plan Submitted:		5/22/2003
Remedial Action Underway:		7/9/2003
Post Remedial Action Monitoring Began:		9/16/1987
Enforcement Action Date:		7/28/2000
Historical Max MTBE Date:		9/8/1998
Hist Max MTBE Conc in Groundwater:		26300
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	STEVE KEANE	
RP Address:	3525 HYLAND AVE., COSTA MESA, CA 92626	
Program:	LUST	
Lat/Long:	33.7577543 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	9/30/00 3RD QTR GW MON RPT 2000; 10/10/00 WELL INSTALLATION REPORT; 11/6/00 DUAL-PHASE VACUUM EXTRACTION RPT; 12/14/00 DUAL-PHASE VACUUM	

TOSCO - 76 STATION #5379 (FORMER) (Continued) **S101296826**

EXTRACTION RPT; 1/13/01 4TH QTR GW MON RPT 2000

E56
SW
< 1/8
0.058 mi.
306 ft.

VACANT/DEMO (FORMERLY TOSCO #30865 **CA UST** **U003699370**
6280 E 02ND ST **N/A**
LONG BEACH, CA

Site 14 of 17 in cluster E

Relative:
Lower

Actual:
10 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

E57
SW
< 1/8
0.058 mi.
306 ft.

UNOCAL SS# 5379 **CA SWEEPS UST** **S103667418**
6280 E SECOND ST **N/A**
LONG BEACH, CA 90803

Site 15 of 17 in cluster E

Relative:
Lower

Actual:
10 ft.

SWEEPS UST:

Status:	Active
Comp Number:	17325
Number:	1
Board Of Equalization:	44-001057
Referral Date:	08-20-92
Action Date:	09-23-92
Created Date:	02-29-88
Owner Tank Id:	5379-22
SWRCB Tank Id:	19-060-017325-000001
Tank Status:	A
Capacity:	12000
Active Date:	08-20-92
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	2

Status:	Active
Comp Number:	17325
Number:	1
Board Of Equalization:	44-001057
Referral Date:	08-20-92
Action Date:	09-23-92
Created Date:	02-29-88
Owner Tank Id:	5379-11
SWRCB Tank Id:	19-060-017325-000002
Tank Status:	A
Capacity:	12000
Active Date:	08-20-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

E58 SW < 1/8 0.058 mi. 306 ft. | **SERVICE STATION 5379**
6280 E 2ND ST
LONG BEACH, CA 90802 | **CA HIST UST** | **U001565866**
N/A

Site 16 of 17 in cluster E

Relative: Lower

Actual: 10 ft.

HIST UST:

Region:	STATE
Facility ID:	00000017325
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	KENNETH W MURPHY
Telephone:	2135940076
Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	3701 WILSHIRE BLVD.-SUITE 830
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0003
Tank Num:	001
Container Num:	5379-4
Year Installed:	1968
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	5379-2
Year Installed:	1983
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	5379-1
Year Installed:	1983
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test

E59 SW < 1/8 0.062 mi. 330 ft. | **CARL'S EXXON**
6401 E PAC COAST HIGHWAY
LONG BEACH, CA 90745 | **EDR US Hist Auto Stat** | **1008994212**
N/A

Site 17 of 17 in cluster E

Relative: Lower

Actual: 9 ft.

EDR Historical Auto Stations:

Name:	CARL'S EXXON
Year:	1976
Type:	Not reported

G60 SW < 1/8 0.085 mi. 448 ft. | **MARINE MAINTENANCE**
6204 E. 2ND STREET
LONG BEACH, CA 90803 | **RCRA-LQG** | **1007199761**
CAD982035412

Site 1 of 4 in cluster G

Relative: Higher

Actual: 13 ft.

RCRA-LQG:

Date form received by agency:	02/22/2006
Facility name:	MARINE MAINTENANCE
Facility address:	6204 E. 2ND STREET LONG BEACH, CA 90803
EPA ID:	CAD982035412
Contact:	DENNIS WILLIAMS
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(562) 570-1585
Contact email:	DENNIS_WILLIAMS@LONGBEACH.GOV
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:	CITY OF LONG BEACH
Owner/operator address:	6204 E. 2ND STREET LONG BEACH, CA 90803
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1986
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF LONG BEACH
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1986
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

MARINE MAINTENANCE (Continued) **1007199761**

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

Historical Generators:
Date form received by agency: 03/30/1992
Site name: LONG BEACH MAINT YARD CITY OF
Classification: Large Quantity Generator

Date form received by agency: 04/12/1990
Site name: CITY OF LONG BEACH, MARINE MAINTENANCE
Classification: Large Quantity Generator

Violation Status: No violations found

G61 **ALAMITOS BAY MARINA** **CA HIST UST** **U001565877**
SW **6204 E 2ND ST** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.085 mi.
448 ft. **Site 2 of 4 in cluster G**

Relative:
Higher

Actual:
13 ft.

HIST UST:
Region: STATE
Facility ID: 00000041362
Facility Type: Gas Station
Other Type: Not reported
Contact Name: JAMES L DIXON
Telephone: 2134370375
Owner Name: LONG BEACH MARINE BUREAU
Owner Address: 450 E SHORELINE DR
Owner City,St,Zip: LONG BEACH, CA 90802
Total Tanks: 0003

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

Tank Num: 002
Container Num: TWO
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported

ALAMITOS BAY MARINA (Continued) **U001565877**

Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	THREE
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

H62 **EPTC - ALAMITOS** **CA AST** **A100323697**
NE **692 N STUDEBAKER ROAD** **N/A**
< 1/8 **LONG BEACH, CA**
0.091 mi.
480 ft. **Site 1 of 7 in cluster H**

Relative:
Lower

Actual:
7 ft.

AST:

Certified Unified Program Agencies:	Long Beach
Owner:	PACIFIC TERMINALS LLC
Total Gallons:	133,105,360

H63 **SCE-ALAMITOS** **CA ENVIROSTOR** **S108197049**
NE **692 N STUDEBAKER ROAD** **N/A**
< 1/8 **LONG BEACH, CA 90815**
0.091 mi.
480 ft. **Site 2 of 7 in cluster H**

Relative:
Lower

Actual:
7 ft.

ENVIROSTOR:

Facility ID:	80001647
Status:	Active
Status Date:	02/01/1995
Site Code:	530040
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	234
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	WM
Program Manager:	Steven Rounds
Supervisor:	Allan Plaza
Division Branch:	Cleanup Chatsworth
Assembly:	70
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.77373
Longitude:	-118.1032
APN:	NONE SPECIFIED
Past Use:	ABOVE GROUND STORAGE TANKS
Potential COC:	Polychlorinated biphenyls (PCBs Vanadium and compounds
Confirmed COC:	30587-NO 30018-NO
Potential Description:	OTH, SOIL
Alias Name:	SCE Alamitos

SCE-ALAMITOS (Continued) **S108197049**

Alias Type: Alternate Name
Alias Name: Studebaker LLC
Alias Type: Alternate Name
Alias Name: CAD009694795
Alias Type: EPA Identification Number
Alias Name: 110000522113
Alias Type: EPA (FRS #)
Alias Name: 400446
Alias Type: Project Code (Site Code)
Alias Name: 530040
Alias Type: Project Code (Site Code)
Alias Name: 80001647
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Studebaker Property - former aboveground storage tank area
Completed Document Type: Consent Agreement
Completed Date: 02/18/2014
Comments: This project is now Loynes Beach Partners LLC. Site code 530078.

Completed Area Name: AES Generating Station (former SCE)
Completed Sub Area Name: Surface Impoundments
Completed Document Type: Consent Decree
Completed Date: 02/01/1995
Comments: Not reported

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: AES Generating Station (former SCE)
Completed Sub Area Name: Surface Impoundments
Completed Document Type: RFI Workplan
Completed Date: 01/31/2012
Comments: Approved by DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/30/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/07/2013
Comments: Comments sent to facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/30/2014
Comments: Completed

Completed Area Name: AES Generating Station (former SCE)

SCE-ALAMITOS (Continued) **S108197049**

Completed Sub Area Name: Surface Impoundments
Completed Document Type: Monitoring Report
Completed Date: 03/29/2010
Comments: Document received, no comments

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Studebaker Property - former aboveground storage tank area
Completed Document Type: RFI Workplan
Completed Date: 08/28/2007
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/15/2011
Comments: DTSC internal review, no letter issued

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/10/2012
Comments: DTSC e-mail to facility

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Studebaker Property - former aboveground storage tank area
Completed Document Type: Consent Agreement
Completed Date: 06/30/2006
Comments: signed

Future Area Name: Sites With No Operable Unit
Future Sub Area Name: Studebaker Property - former aboveground storage tank area
Future Document Type: RFI Report
Future Due Date: 2015
Schedule Area Name: AES Generating Station (former SCE)
Schedule Sub Area Name: Surface Impoundments
Schedule Document Type: RFI Workplan
Schedule Due Date: 04/16/2014
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: CEQA - Notice of Exemption
Schedule Due Date: 11/23/2014
Schedule Revised Date: Not reported

H64 **ALAMITOS STATION** **CA HAZNET** **S113128106**
NE **692 N STUDEBAKER RD** **CA HWP** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.091 mi.
480 ft. **Site 3 of 7 in cluster H**

Relative:
Lower

Actual:
7 ft.

HAZNET:
envid: S113128106
Year: 2013
GEPAID: CAL000274189
Contact: BILL SENNER
Telephone: 5627282056
Mailing Name: Not reported
Mailing Address: 5900 CHERRY AVE

ALAMITOS STATION (Continued) **S113128106**

Mailing City,St,Zip:	LONG BEACH, CA 908054454
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:	0.3
Facility County:	Not reported

envid:	S113128106
Year:	2013
GEPAID:	CAL000274189
Contact:	BILL SENNER
Telephone:	5627282056
Mailing Name:	Not reported
Mailing Address:	5900 CHERRY AVE
Mailing City,St,Zip:	LONG BEACH, CA 908054454
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	6.4635
Facility County:	Not reported

envid:	S113128106
Year:	2013
GEPAID:	CAL000274189
Contact:	BILL SENNER
Telephone:	5627282056
Mailing Name:	Not reported
Mailing Address:	5900 CHERRY AVE
Mailing City,St,Zip:	LONG BEACH, CA 908054454
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.266
Facility County:	Not reported

envid:	S113128106
Year:	2013
GEPAID:	CAL000274189
Contact:	BILL SENNER
Telephone:	5627282056
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

ALAMITOS STATION (Continued) **S113128106**

	(H010-H129) Or (H131-H135)
Tons:	0.2
Facility County:	Not reported

envid:	S113128106
Year:	2012
GEPAID:	CAL000274189
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:	0.125
Facility County:	Los Angeles

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

HWP:

EPA Id:	CAD009694795
Cleanup Status:	UNKNOWN
Latitude:	33.77373
Longitude:	-118.1032
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	530040, 400446
Assembly District:	70
Senate District:	34
Public Information Officer:	Not reported

Alias:

EPA Id:	CAD009694795
Facility Type:	Historical - Non-Operating
Alias Type:	Project Code (Site Code)
Alias:	530040

EPA Id:	CAD009694795
Facility Type:	Historical - Non-Operating
Alias Type:	Alternate Name
Alias:	SCE Alamitos

EPA Id:	CAD009694795
Facility Type:	Historical - Non-Operating
Alias Type:	Alternate Name
Alias:	Studebaker LLC

EPA Id:	CAD009694795
Facility Type:	Historical - Non-Operating
Alias Type:	Project Code (Site Code)

ALAMITOS STATION (Continued) **S113128106**

Alias: 400446

H65 **EPTC ALAMITOS PARCEL 3-4** **CA NPDES** **S105557569**
NE **692 NORTH STUDEBAKER ROAD** **CA DEED** **N/A**
< 1/8 **LONG BEACH, CA 90803** **CA VCP**
0.091 mi. **CA ENVIROSTOR**
480 ft. **Site 4 of 7 in cluster H**

Relative:
Lower

Actual:
7 ft.

NPDES:

Npdes Number:	CAG674001
Facility Status:	Active
Agency Id:	483625
Region:	4
Regulatory Measure Id:	193820
Order No:	R4-2009-0068
Regulatory Measure Type:	Enrollee
Place Id:	207270
WDID:	4B196300100
Program Type:	NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/26/1999
Expiration Date Of Regulatory Measure:	06/04/2014
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Plains West Coast Terminals, LLC
Discharge Address:	5900 Cherry Avenue
Discharge City:	Long Beach
Discharge State:	CA
Discharge Zip:	90805

DEED:

Envirostor ID:	19130113
Area:	PROJECT WIDE
Sub Area:	Not reported
Site Type:	VOLUNTARY CLEANUP
Status:	CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency:	Not reported
Covenant Uploaded:	Not reported
Deed Date(s):	07/20/2006

VCP:

Facility ID:	19130113
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.75
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Tedd Yargeau
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Site Code:	401020
Assembly:	70
Senate:	34
Special Programs Code:	Voluntary Cleanup Program

EPTC ALAMITOS PARCEL 3-4 (Continued) **S105557569**

Status:	Certified O&M - Land Use Restrictions Only
Status Date:	05/05/2005
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	33.77403 / -118.1030
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - PETROLEUM
Potential COC:	3002502
Confirmed COC:	3002502
Potential Description:	OTH, SOIL
Alias Name:	110033616317
Alias Type:	EPA (FRS #)
Alias Name:	401020
Alias Type:	Project Code (Site Code)
Alias Name:	19130113
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	06/28/2002
Comments:	VCA

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	07/20/2006
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/05/2005
Comments:	After several conference calls with the site proponent, DTSC approves the Phase II report. The report indicated that the site had been impacted from previous operations at the site however that those levels were compatible with the current industrial land-use.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	09/23/2002
Comments:	DTSC completed document reveiw and submitted comments to Coastal Conservancy

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

ENVIROSTOR:

EPTC ALAMITOS PARCEL 3-4 (Continued) **S105557569**

Facility ID:	19130113
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	05/05/2005
Site Code:	401020
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.75
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Tedd Yargeau
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Assembly:	70
Senate:	34
Special Program:	Voluntary Cleanup Program
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.77403
Longitude:	-118.1030
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - PETROLEUM
Potential COC:	TPH-MOTOR OIL
Confirmed COC:	TPH-MOTOR OIL
Potential Description:	OTH, SOIL
Alias Name:	110033616317
Alias Type:	EPA (FRS #)
Alias Name:	401020
Alias Type:	Project Code (Site Code)
Alias Name:	19130113
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	06/28/2002
Comments:	VCA
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	07/20/2006
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/05/2005
Comments:	After several conference calls with the site proponent, DTSC approves the Phase II report. The report indicated that the site had been impacted from previous operations at the site however that those levels were compatible with the current industrial land-use.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report

EPTC ALAMITOS PARCEL 3-4 (Continued) **S105557569**

Completed Date:	09/23/2002
Comments:	DTSC completed document reveiw and submitted comments to Coastal Conservancy
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

H66 **STUDEBAKER - LOYNES DISPOSAL S** **CA WMUDS/SWAT** **S103441607**
NNE **LOYNES DR. & STUDEBAKER RD** **N/A**
< 1/8 **LONG BEACH, CA 90806**
0.097 mi.
511 ft. **Site 5 of 7 in cluster H**

Relative:
Lower

Actual:
7 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	BIXBY RANCH COMPANY
Agency Department:	Not reported
Agency Address:	911 STUDEBAKER RD.
Agency City,St,Zip:	LONG BEACH 90806
Agency Contact:	Not reported
Agency Telephone:	2134931475
Land Owner Name:	BIXBY RANCH COMPANY
Land Owner Address:	911 STUDEBAKER RD.
Land Owner City,St,Zip:	LONG BEACH, CA 90806
Land Owner Contact:	Not reported
Land Owner Phone:	2134931475
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	STUDEBAKER - LOYNES DISPOSAL SITE
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True

STUDEBAKER - LOYNES DISPOSAL S (Continued) **S103441607**

Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	BIXBY RANCH COMPANY
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	LT
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4 190398NUR
Solid Waste Information ID:	19-AK-0002

H67 **STUDEBAKER-CERRITOS CHANNEL** **CA WMUDS/SWAT** **S103441602**
NNE **SW OF STUDEBAKER & LOYNES** **N/A**
< 1/8 **LONG BEACH, CA**
0.097 mi.
511 ft. **Site 6 of 7 in cluster H**

Relative:
Lower

Actual:
7 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	Not reported
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False

STUDEBAKER-CERRITOS CHANNEL (Continued) **S103441602**

Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	LT
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4 190393NUR
Solid Waste Information ID:	Not reported

H68 **CITY DUMP AND SALVAGE** **CA SWF/LF** **S111075832**
NE **LOYNES DRIVE AND NORTH STUDEBAKER ROAD** **N/A**
< 1/8 **LONG BEACH, CA**
0.100 mi.
526 ft. **Site 7 of 7 in cluster H**

Relative:
Lower

Actual:
7 ft.

LOS ANGELES CO. LF:

Site ID:	2236
Alt. Address:	SW corner of Loynes Drive and North Studebaker Road, Long Beach, CA
Site Contact:	Not reported
Site Contact Phone:	Not reported
Site Email:	Not reported
Site Website:	Not reported
Site Type:	Unknown
Site SWIS Number:	Not reported
Beginning Operation Date:	Not reported
Disposal Area(Acre):	Not reported
Local Enforcement Agency:	Not reported
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Wetland Restoration
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Not reported
Hours of Operation:	Not reported
Area:	Not reported

Detail As Of 01/2014:

Operator Name:	Unknown
Operator Address:	Not reported
Operator City/State/Zip:	Not reported
Operator Contact:	Not reported
Operator Telephone:	Not reported
Operator Email:	Not reported
Owner Name:	Unknown
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported

I69 **EDR US Hist Auto Stat** **1015594224**
South **6615 E PACIFIC COAST HWY** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.109 mi.
574 ft. **Site 1 of 3 in cluster I**

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:

Name:	ULTRAMAR
Year:	2005
Address:	6615 E PACIFIC COAST HWY
Name:	ULTRAMAR
Year:	2008
Address:	6615 E PACIFIC COAST HWY
Name:	ULTRAMAR
Year:	2009
Address:	6615 E PACIFIC COAST HWY

G70 **MARINA PACIFICA HOMEOWNERS ASS** **CA HIST UST** **U001565887**
SW **6201 E 2ND ST** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.110 mi.
580 ft. **Site 3 of 4 in cluster G**

Relative:
Higher

Actual:
14 ft.

HIST UST:

Region:	STATE
Facility ID:	00000020972
Facility Type:	Other
Other Type:	HOMEOWNERS ASSN.
Contact Name:	DON DANYKO,
Telephone:	2135983323
Owner Name:	MARINA PACIFICA HOMEOWNERS ASS
Owner Address:	6201 E. 2ND. STREET
Owner City,St,Zip:	LONG BEACH, CA 90803
Total Tanks:	0002
Tank Num:	001
Container Num:	ONE
Year Installed:	1974
Tank Capacity:	00000200
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	TWO
Year Installed:	1974
Tank Capacity:	00000200
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

J71 South < 1/8 0.112 mi. 594 ft. | **MARKET PLACE SANITARY LANDFILL**
6501 PACIFIC COAST HIGHWAY
LONG BEACH, CA 90803 | **CA LDS** | **S104156308**
CA WMUDS/SWAT | **N/A**

Site 1 of 4 in cluster J

Relative: Lower

Actual: 12 ft.

LDS:

Global Id:	T10000004438
Latitude:	33.75654
Longitude:	-118.1087
Case Type:	Land Disposal Site
Status:	Open - Inactive
Status Date:	11/13/2012
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Caseworker:	WY
Local Agency:	Not reported
RB Case Number:	60-089
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Not reported
EDR Link ID:	T10000004438
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	60-89
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	CITY DUMP & SALVAGE
Agency Department:	Not reported
Agency Address:	411 FLINT AVENUE
Agency City,St,Zip:	LONG BEACH
Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	BIXBY RANCH COMPANY
Land Owner Address:	523 WEST 6TH STREET
Land Owner City,St,Zip:	LOS ANGELES, CA 90014
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported

MARKET PLACE SANITARY LANDFILL (Continued) **S104156308**

SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	CITY DUMP & SALVAGE
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	B_P
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4 190019NUR
Solid Waste Information ID:	Not reported

G72 **ALAMITOS BAY MAINT YD (2 D/W JOOR)** **CA HIST CORTESE** **U003659808**
SW **6204 E 02ND ST** **CA LUST** **N/A**
< 1/8 **LONG BEACH, CA** **CA UST**
0.113 mi.
596 ft. **Site 4 of 4 in cluster G**

Relative:
Higher

Actual:
14 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908030116

LUST:

Region:	STATE
Global Id:	T0603701726
Latitude:	33.7569123
Longitude:	-118.1151082
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/25/1997
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DK
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908030116
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

Contact:

Global Id:	T0603701726
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID KOO

ALAMITOS BAY MAINT YD (2 D/W JOOR) (Continued) **U003659808**

Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dkoo@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701726
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701726
Status:	Completed - Case Closed
Status Date:	11/25/1997

Global Id:	T0603701726
Status:	Open - Case Begin Date
Status Date:	08/31/1987

Global Id:	T0603701726
Status:	Open - Site Assessment
Status Date:	11/04/1996

Global Id:	T0603701726
Status:	Open - Site Assessment
Status Date:	07/29/1997

Regulatory Activities:

Global Id:	T0603701726
Action Type:	Other
Date:	08/31/1987
Action:	Leak Discovery

Global Id:	T0603701726
Action Type:	Other
Date:	09/04/1987
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908030116
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701726

ALAMITOS BAY MAINT YD (2 D/W JOOR) (Continued) **U003659808**

W Global ID:	Not reported	
Staff:	DK	
Local Agency:	19060	
Cross Street:	J.H. DAVIES	
Enforcement Type:	Not reported	
Date Leak Discovered:	8/31/1987	
Date Leak First Reported:		9/4/1987
Date Leak Record Entered:	10/14/1987	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		3/5/1998
Date the Case was Closed:		11/25/1997
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	CHUCK RAMSEY	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		12684.001054864396870943873508
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		11/4/1996
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		7/29/1997
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		1/1/1965
Hist Max MTBE Conc in Groundwater:		75
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CITY OF LB FLEET SERVICES BURE	
RP Address:	2801 E. WILLOW ST., LONG BEACH, CA 90806	
Program:	LUST	
Lat/Long:	33.7569123 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	10/30/96 - WORKPLAN FOR THE PHASE 11 WELL INSTALLATION & GW SAMPLING WELL ABANDONMENT	11/04/97 - 03/05/98 - GW MON

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	2T
Tank Test:	Dual Walled
Leak Test:	Not reported

ALAMITOS BAY MAINT YD (2 D/W JOOR) (Continued) **U003659808**

Tank Status: Not reported

73
WNW
< 1/8
0.114 mi.
602 ft.

6246 E PACIFIC COAST HWY
LONG BEACH, CA

CA UST **U003920221**
N/A

Relative:
Lower

Actual:
6 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

J74
South
< 1/8
0.114 mi.
603 ft.

6481 E PAC CST HWY
LONG BEACH, CA 90802

Site 2 of 4 in cluster J

EDR US Hist Cleaners **1015084570**
N/A

Relative:
Lower

Actual:
12 ft.

EDR Historical Cleaners:

Name:	JS CLEANERS & LAUNDRY
Year:	1999
Address:	6481 E PAC CST HWY

75
SSW
< 1/8
0.118 mi.
622 ft.

6451 E PACIFIC COAST HWY
LONG BEACH, CA 90803

EDR US Hist Cleaners **1015084398**
N/A

Relative:
Lower

Actual:
10 ft.

EDR Historical Cleaners:

Name:	JS CLEANERS LAUNDRY
Year:	2004
Address:	6451 E PACIFIC COAST HWY
Name:	J S CLEANERS & LAUNDRY
Year:	2005
Address:	6451 E PACIFIC COAST HWY
Name:	J S CLEANERS & LAUNDRY
Year:	2008
Address:	6451 E PACIFIC COAST HWY
Name:	JS CLEANERS & LAUNDRY
Year:	2010
Address:	6451 E PACIFIC COAST HWY
Name:	JS CLEANERS & LAUNDRY
Year:	2012
Address:	6451 E PACIFIC COAST HWY

I76 **EDR US Hist Cleaners** **1015085600**
South **6608 E PACIFIC COAST HWY** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.120 mi.
631 ft. **Site 2 of 3 in cluster I**

Relative:
Lower

Actual:
12 ft.

EDR Historical Cleaners:

Name:	PARADISE CLEANERS
Year:	2004
Address:	6608 E PACIFIC COAST HWY
Name:	PARADISE CLEANERS
Year:	2005
Address:	6608 E PACIFIC COAST HWY
Name:	PARADISE CLEANERS
Year:	2006
Address:	6608 E PACIFIC COAST HWY
Name:	PARADISE CLEANERS
Year:	2008
Address:	6608 E PACIFIC COAST HWY
Name:	PARADISE CLEANERS
Year:	2010
Address:	6608 E PACIFIC COAST HWY
Name:	PARADISE CLEANERS
Year:	2011
Address:	6608 E PACIFIC COAST HWY
Name:	PARADISE CLEANERS
Year:	2012
Address:	6608 E PACIFIC COAST HWY

I77 **HYUNSUNG INC DBA: PARADISE CLEANERS** **CA DRYCLEANERS** **S105807902**
South **6608 PACIFIC COAST HWY** **N/A**
< 1/8 **LONG BEACH, CA 90803**
0.120 mi.
631 ft. **Site 3 of 3 in cluster I**

Relative:
Lower

Actual:
12 ft.

DRYCLEANERS:

EPA Id:	CAL000309524
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/26/2006
Facility Active:	No
Inactive Date:	06/30/2007
Facility Addr2:	Not reported
Owner Name:	HYUNSUNG INC
Owner Address:	6608 PACIFIC COAST HWY
Owner Address 2:	Not reported
Owner Telephone:	5625945646
Contact Name:	CHARLIE H SHIN
Contact Address:	6608 PACIFIC COAST HWY
Contact Address 2:	Not reported
Contact Telephone:	5625945646
Mailing Name:	Not reported

HYUNSUNG INC DBA: PARADISE CLEANERS (Continued) **S105807902**

Mailing Address 1:	6608 PACIFIC COAST HWY
Mailing Address 2:	Not reported
Mailing City:	LONG BEACH
Mailing State:	CA
Mailing Zip:	90803
Owner Fax:	Not reported
Region Code:	Not reported

EPA Id:	CAL000254077
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	06/18/2002
Facility Active:	No
Inactive Date:	06/30/2003
Facility Addr2:	Not reported
Owner Name:	CHONG SAM LEE
Owner Address:	6608 PACIFIC COAST HWY
Owner Address 2:	Not reported
Owner Telephone:	5625945646
Contact Name:	CHONG SAM LEE
Contact Address:	6608 PACIFIC COAST HWY
Contact Address 2:	Not reported
Contact Telephone:	5625945646
Mailing Name:	Not reported
Mailing Address 1:	6608 PACIFIC COAST HWY
Mailing Address 2:	Not reported
Mailing City:	LONG BEACH
Mailing State:	CA
Mailing Zip:	90803
Owner Fax:	Not reported
Region Code:	Not reported

EPA Id:	CAL000322792
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/27/2007
Facility Active:	No
Inactive Date:	06/30/2014
Facility Addr2:	Not reported
Owner Name:	SEUNG WOO HAN
Owner Address:	13252 DRAKE ST
Owner Address 2:	Not reported
Owner Telephone:	7148867770
Contact Name:	SEUNG WOO HAN
Contact Address:	13252 DRAKE ST
Contact Address 2:	Not reported
Contact Telephone:	2132225454
Mailing Name:	Not reported
Mailing Address 1:	6608 E PACIFIC COAST HWY
Mailing Address 2:	Not reported
Mailing City:	LONG BEACH
Mailing State:	CA
Mailing Zip:	908034208

HYUNSUNG INC DBA: PARADISE CLEANERS (Continued) **S105807902**

Owner Fax:	Not reported
Region Code:	0000000000

EPA Id:	CAL000268401
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	03/28/2003
Facility Active:	No
Inactive Date:	06/30/2006
Facility Addr2:	Not reported
Owner Name:	YI SANG ENTERPRISE INC
Owner Address:	6608 E PACIFIC COAST HWY
Owner Address 2:	Not reported
Owner Telephone:	3238411358
Contact Name:	YISOOK KIM, OWNER
Contact Address:	2605 SEPULVEDA BLVD STE 212
Contact Address 2:	Not reported
Contact Telephone:	5625945646
Mailing Name:	Not reported
Mailing Address 1:	6608 E PACIFIC COAST HWY
Mailing Address 2:	Not reported
Mailing City:	LONG BEACH
Mailing State:	CA
Mailing Zip:	90803
Owner Fax:	Not reported
Region Code:	Not reported

EPA Id:	CAL000393903
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	02/04/2014
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	VEE R SERVICES LLC
Owner Address:	VEE R SERVICES LLC
Owner Address 2:	Not reported
Owner Telephone:	2134537391
Contact Name:	VAIRAVARAJ VETRIVEL
Contact Address:	6608 E PACIFIC COAST HWY
Contact Address 2:	Not reported
Contact Telephone:	2134537391
Mailing Name:	Not reported
Mailing Address 1:	6608 E PACIFIC COAST HWY
Mailing Address 2:	Not reported
Mailing City:	LONG BEACH
Mailing State:	CA
Mailing Zip:	908030000
Owner Fax:	Not reported
Region Code:	7148206402

78
South
< 1/8
0.122 mi.
646 ft.

CITY DUMP & SALVAGE #2
7001-7199 PCH NORTH OF SAN GABRIEL RIVER
LONG BEACH, CA

CA SWF/LF **S105075648**
N/A

Relative:
Higher

Actual:
15 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	19-AK-5017
Lat/Long:	33.7543300 / -118.10616
Owner Name:	Bixby Ranch Co
Owner Telephone:	3104931475
Owner Address:	Not reported
Owner Address2:	3010 Old Ranch Parkway #100
Owner City,St,Zip:	Seal Beach, CA 90740
Operational Status:	Closed
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	Not reported
Activity:	Solid Waste Disposal Site
Regulation Status:	To Be Determined
Landuse Name:	Residential,Industrial,Commercial
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	19-AK-5017
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	33.7543300 / -118.10616

J79
SSW
1/8-1/4
0.132 mi.
697 ft.

J'S CLEANERS & LAUNDRY
6481 PACIFIC COAST
LONG BEACH, CA 90803

Site 3 of 4 in cluster J

CA SLIC **S106387143**
N/A

Relative:
Lower

Actual:
12 ft.

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0841
Substance:	VOCs
Staff:	RE

J80 SSW 1/8-1/4 0.132 mi. 697 ft. | **J'S CLEANERS & LAUNDRY** | **CA SLIC** | **S106483944**
6481 EAST PACIFIC COAST HWY | **N/A**
LONG BEACH, CA

Site 4 of 4 in cluster J

Relative: Lower

Actual: 12 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/08/2003
Global Id:	SL2044X1602
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.790242
Longitude:	-118.203101
Case Type:	Cleanup Program Site
Case Worker:	AS
Local Agency:	Not reported
RB Case Number:	0841
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

K81 SW 1/8-1/4 0.134 mi. 708 ft. | **CITY OF LONG BEACH** | **CA UST** | **U003661019**
6460 MARINA DR | **N/A**
LONG BEACH, CA 90803

Site 1 of 7 in cluster K

Relative: Lower

Actual: 11 ft.

UST:

Facility ID:	19-060-003160
Permitting Agency:	LONG BEACH, CITY OF
Latitude:	33.75759
Longitude:	-118.11426

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	1T
Tank Test:	Dual Walled
Leak Test:	Not reported
Tank Status:	Not reported

K82 SW 1/8-1/4 0.134 mi. 708 ft. | **CITY OF LONG BEACH** | **CA SWEEPS UST** | **U003779415**
6460 MARINA DR | **N/A**
LONG BEACH, CA 90803

Site 2 of 7 in cluster K

Relative: Lower

Actual: 11 ft.

SWEEPS UST:

Status:	Active
Comp Number:	33990
Number:	4
Board Of Equalization:	Not reported

CITY OF LONG BEACH (Continued) **U003779415**

Referral Date:	02-16-93
Action Date:	06-15-93
Created Date:	06-15-93
Owner Tank Id:	27910
SWRCB Tank Id:	19-060-033990-000001
Tank Status:	A
Capacity:	500
Active Date:	02-16-93
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	1

L83 **CITY OF LONG BEACH** **CA UST** **U003854821**
SW **6530 MARINA DR** **N/A**
1/8-1/4 **LONG BEACH, CA 90803**
0.142 mi.
750 ft. **Site 1 of 3 in cluster L**

Relative:
Higher

Actual:
13 ft.

UST:

Facility ID:	19-060-003150
Permitting Agency:	LONG BEACH, CITY OF
Latitude:	33.75675
Longitude:	-118.11235

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	1T
Tank Test:	Dual Walled
Leak Test:	Not reported
Tank Status:	Not reported

L84 **CITY OF LONG BEACH** **CA SWEEPS UST** **U003779414**
SW **6530 MARINA DR** **N/A**
1/8-1/4 **LONG BEACH, CA 90803**
0.142 mi.
750 ft. **Site 2 of 3 in cluster L**

Relative:
Higher

Actual:
13 ft.

SWEEPS UST:

Status:	Active
Comp Number:	33991
Number:	4
Board Of Equalization:	Not reported
Referral Date:	02-16-93
Action Date:	06-15-93
Created Date:	06-15-93
Owner Tank Id:	27909
SWRCB Tank Id:	19-060-033991-000001
Tank Status:	A
Capacity:	500
Active Date:	02-16-93
Tank Use:	OIL
STG:	W
Content:	WASTE OIL

CITY OF LONG BEACH (Continued) **U003779414**

Number Of Tanks: 1

85
South
1/8-1/4
0.154 mi.
811 ft.

CITY DUMP AND SALVAGE #2
7001-7199 PACIFIC COAST HIGHWAY
LONG BEACH, CA 90803

CA SWF/LF **S111075831**
N/A

Relative:
Lower

Actual:
6 ft.

LOS ANGELES CO. LF:

Site ID:	2235
Alt. Address:	6501 Pacific Coast Highway, Long Beach, CA
Site Contact:	Not reported
Site Contact Phone:	Not reported
Site Email:	Not reported
Site Website:	Not reported
Site Type:	Designated Waste Landfill
Site SWIS Number:	19-AK-5017
Beginning Operation Date:	Not reported
Disposal Area(Acre):	Not reported
Local Enforcement Agency:	County Public Health
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Commercial; Vacant
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Not reported
Hours of Operation:	Not reported
Area:	Not reported

Detail As Of 01/2014:

Operator Name:	Unknown
Operator Address:	Not reported
Operator City/State/Zip:	Not reported
Operator Contact:	Not reported
Operator Telephone:	Not reported
Operator Email:	Not reported
Owner Name:	Bixby Ranch CO.
Owner Address:	3010 Old Ranch Parkway #100
Owner City/State/Zip:	Seal Beach, CA 90740
Owner Contact:	Not reported
Owner Telephone:	(310) 493-1475
Owner Email:	Not reported

M86
ESE
1/8-1/4
0.161 mi.
849 ft.

LAWP,HAYNES GENERATING STATION
6801 WESTMINSTER AVENUE
LONG BEACH, CA 90803

CA Toxic Pits **S100925090**
N/A

Site 1 of 5 in cluster M

Relative:
Higher

Actual:
13 ft.

TOXIC PITS:

Region:	04
Task #:	84006
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

LAWP,HAYNES GENERATING STATION (Continued) **S100925090**

Closure Due: / /
Closure Completed: 10/18/90
Status: CLOSED
Hydro Geological Assessment Report Due: / /
Final Hydro Geological Assessment Review Completed: 06/15/89

M87 ESE 1/8-1/4 0.161 mi. 849 ft. | **HAYNES GENERATING STATION** | **CA UST** | **U003661648**
6801 WESTMINSTER AVE #2 | **CA WDS** | **N/A**
LONG BEACH, CA | **CA WMUDS/SWAT**

Site 2 of 5 in cluster M

Relative: Higher

Actual: 13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

WDS:

Facility ID:	Los Angeles River 196300152
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:	CAG674001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	2133670436
Facility Contact:	Katherine Rubin
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:	9199
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	MISCEL
Waste Type2:	Not reported
Waste2:	Miscellaneous (Includes wastes from dewatering, recreational lake overflow, swimming pool wastes, water ride wastewater, ground water seepage and other wastes of this type)
Primary Waste Type:	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:	1
Baseline Flow:	1
Reclamation:	No reclamation requirements associated with this facility.

HAYNES GENERATING STATION (Continued) **U003661648**

POTW: The facility is not a POTW.
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

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: CONTAC
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Base Meridian: Not reported
NPID: CA0000353
Tonnage: 0
Regional Board ID: Not reported
Municipal Solid Waste: False
Superorder: False
Open To Public: False
Waste List: False
Agency Type: City
Agency Name: LOS ANGELES CITY OF DWP
Agency Department: Not reported
Agency Address: 111 NORTH HOPE STREET, RM 1414
Agency City,St,Zip: LOS ANGELES CA 90012
Agency Contact: FAZI MOFIDI
Agency Telephone: 2133670280
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

HAYNES GENERATING STATION (Continued) **U003661648**

Facility Telephone:	2133670280
SWAT Facility Name:	Not reported
Primary SIC:	4911
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	False
Toxic Pits Cleanup Act Program:	True
Resource Conservation Recovery Act:	False
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:	4B193500002
Solid Waste Information ID:	Not reported

M88 **LA CITY, DWP HAYNES STM PLT (E** **CA HIST UST** **U001565883**
ESE **6801 WESTMINSTER AV** **CA EMI** **N/A**
1/8-1/4 **LONG BEACH, CA 90803** **CA WDS**
0.161 mi.
849 ft. **Site 3 of 5 in cluster M**

Relative:
Higher

Actual:
13 ft.

HIST UST:

Region:	STATE
Facility ID:	00000064907
Facility Type:	Other
Other Type:	WATER/ELECTRIC UTILI
Contact Name:	KENNETH L. BOSWORTH
Telephone:	2134812574
Owner Name:	DEPARTMENT OF WATER AND POWER
Owner Address:	111 N. HOPE STREET
Owner City,St,Zip:	LOS ANGELES, CA 90012
Total Tanks:	0026
Tank Num:	001
Container Num:	0191/DIESE
Year Installed:	1960
Tank Capacity:	00007200
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	002
Container Num:	0192/FO TR
Year Installed:	1961

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

Tank Capacity:	00013114
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	0193/GASOL
Year Installed:	1960
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	0194/OL SI
Year Installed:	1962
Tank Capacity:	00004700
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	005
Container Num:	0195/RETAR
Year Installed:	1976
Tank Capacity:	00500000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	006
Container Num:	0196/SKIM
Year Installed:	1961
Tank Capacity:	00000400
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	007
Container Num:	0197/SKIM
Year Installed:	1963
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	008
Container Num:	0198/SKIM
Year Installed:	1972
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	009
Container Num:	0199/SKIM
Year Installed:	1972
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	010
Container Num:	0200/U1 CO
Year Installed:	1961
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	011
Container Num:	0201/U1 CO
Year Installed:	1961
Tank Capacity:	00003200
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	012
Container Num:	0202/U 1 W
Year Installed:	1974
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	013
Container Num:	0203/U 2
Year Installed:	1961
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	014
Container Num:	0204/U3 CO
Year Installed:	1962
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

Tank Num:	015
Container Num:	0205/U 4 C
Year Installed:	1962
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	016
Container Num:	0206/U 4 W
Year Installed:	1978
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	017
Container Num:	0207/U5 CO
Year Installed:	1963
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	018
Container Num:	0208/U 5&6
Year Installed:	1965
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	019
Container Num:	0209/U1-4F
Year Installed:	1961
Tank Capacity:	00003500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	020
Container Num:	0210/U2 CO
Year Installed:	1961
Tank Capacity:	00003200
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	021
Container Num:	0211/U2 WS
Year Installed:	1976

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	022
Container Num:	0212/U3 CO
Year Installed:	1963
Tank Capacity:	00003500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	023
Container Num:	0213/U5&6
Year Installed:	1963
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	024
Container Num:	0214/U6 CO
Year Installed:	1964
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	025
Container Num:	0215/USED
Year Installed:	1962
Tank Capacity:	00004000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	026
Container Num:	0216/WATER
Year Installed:	1962
Tank Capacity:	00003800
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	800074
Air District Name:	SC

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

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:	186
Reactive Organic Gases Tons/Yr:	101
Carbon Monoxide Emissions Tons/Yr:	281
NOX - Oxides of Nitrogen Tons/Yr:	2142
SOX - Oxides of Sulphur Tons/Yr:	688
Particulate Matter Tons/Yr:	109
Part. Matter 10 Micrometers & Smllr Tons/Yr:	107

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	800074
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:	134
Reactive Organic Gases Tons/Yr:	71
Carbon Monoxide Emissions Tons/Yr:	211
NOX - Oxides of Nitrogen Tons/Yr:	1166
SOX - Oxides of Sulphur Tons/Yr:	366
Particulate Matter Tons/Yr:	74
Part. Matter 10 Micrometers & Smllr Tons/Yr:	73

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	800074
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:	369
Reactive Organic Gases Tons/Yr:	156
Carbon Monoxide Emissions Tons/Yr:	257
NOX - Oxides of Nitrogen Tons/Yr:	1105
SOX - Oxides of Sulphur Tons/Yr:	14
Particulate Matter Tons/Yr:	42
Part. Matter 10 Micrometers & Smllr Tons/Yr:	41

Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	800074
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:	237
Reactive Organic Gases Tons/Yr:	100

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

Carbon Monoxide Emissions Tons/Yr:	161
NOX - Oxides of Nitrogen Tons/Yr:	417
SOX - Oxides of Sulphur Tons/Yr:	9
Particulate Matter Tons/Yr:	27
Part. Matter 10 Micrometers & Smllr Tons/Yr:	27

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	800074
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:	86
Reactive Organic Gases Tons/Yr:	37
Carbon Monoxide Emissions Tons/Yr:	62
NOX - Oxides of Nitrogen Tons/Yr:	388
SOX - Oxides of Sulphur Tons/Yr:	4
Particulate Matter Tons/Yr:	11
Part. Matter 10 Micrometers & Smllr Tons/Yr:	11

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	800074
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:	91
Reactive Organic Gases Tons/Yr:	39
Carbon Monoxide Emissions Tons/Yr:	62
NOX - Oxides of Nitrogen Tons/Yr:	388
SOX - Oxides of Sulphur Tons/Yr:	4
Particulate Matter Tons/Yr:	11
Part. Matter 10 Micrometers & Smllr Tons/Yr:	11

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	800074
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:	86
Reactive Organic Gases Tons/Yr:	37
Carbon Monoxide Emissions Tons/Yr:	62
NOX - Oxides of Nitrogen Tons/Yr:	388
SOX - Oxides of Sulphur Tons/Yr:	4
Particulate Matter Tons/Yr:	11
Part. Matter 10 Micrometers & Smllr Tons/Yr:	11

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	800074
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:	86
Reactive Organic Gases Tons/Yr:	37
Carbon Monoxide Emissions Tons/Yr:	62
NOX - Oxides of Nitrogen Tons/Yr:	388
SOX - Oxides of Sulphur Tons/Yr:	4
Particulate Matter Tons/Yr:	11
Part. Matter 10 Micrometers & Smllr Tons/Yr:	11

Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	800074
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:	471
Reactive Organic Gases Tons/Yr:	200
Carbon Monoxide Emissions Tons/Yr:	340
NOX - Oxides of Nitrogen Tons/Yr:	528
SOX - Oxides of Sulphur Tons/Yr:	19
Particulate Matter Tons/Yr:	57
Part. Matter 10 Micrometers & Smllr Tons/Yr:	57

Year:	2009
County Code:	19
Air Basin:	SC
Facility ID:	800074
Air District Name:	SC
SIC Code:	4931
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:	197.21191981898701
Reactive Organic Gases Tons/Yr:	46.018537999999999
Carbon Monoxide Emissions Tons/Yr:	133.59357
NOX - Oxides of Nitrogen Tons/Yr:	109.00291
SOX - Oxides of Sulphur Tons/Yr:	7.3902890000000001
Particulate Matter Tons/Yr:	55.547419400000003
Part. Matter 10 Micrometers & Smllr Tons/Yr:	55.486115105419998

Year:	2010
County Code:	19
Air Basin:	SC
Facility ID:	800074
Air District Name:	SC
SIC Code:	4931

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

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:	199.521082680006
Reactive Organic Gases Tons/Yr:	40.421210000000002
Carbon Monoxide Emissions Tons/Yr:	72.547250000000005
NOX - Oxides of Nitrogen Tons/Yr:	105.13943999999999
SOX - Oxides of Sulphur Tons/Yr:	7.25223
Particulate Matter Tons/Yr:	42.57488
Part. Matter 10 Micrometers & Smllr Tons/Yr:	42.495450863999999

Year:	2011
County Code:	19
Air Basin:	SC
Facility ID:	800074
Air District Name:	SC
SIC Code:	4931
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:	159.92242179
Reactive Organic Gases Tons/Yr:	37.54745
Carbon Monoxide Emissions Tons/Yr:	194.23384
NOX - Oxides of Nitrogen Tons/Yr:	102.51095
SOX - Oxides of Sulphur Tons/Yr:	6.04231
Particulate Matter Tons/Yr:	41.77648
Part. Matter 10 Micrometers & Smllr Tons/Yr:	41.723535612

WDS:

Facility ID:	Los Angeles River 193500002
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:	CA0000353 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	2133674354
Facility Contact:	Rey Reyes
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 Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	CONTAC
Waste Type2:	Not reported
Waste2:	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.,

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

inorganic salts and heavy metals) are included in this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 1014
Baseline Flow: 1010
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.

Facility ID: Los Angeles River 196100104
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: CAG994004 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: 2133674354
Facility Contact: Rey Reyes
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 Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Primary Waste: MISCEL
Waste Type2: Not reported
Waste2: Miscellaneous (Includes wastes from dewatering, recreational lake overflow, swimming pool wastes, water ride wastewater, ground water seepage and other wastes of this type)
Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 1
Baseline Flow: 1

LA CITY, DWP HAYNES STM PLT (E (Continued) **U001565883**

Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
Treat To Water: 0
Complexity: Not reported

L89 SSW 1/8-1/4 0.162 mi. 853 ft. | **PORT OF LONG BEACH THE SHOEMAKER BRIDGE LONG BEACH, CA 90801** | **RCRA-SQG CA HAZNET** | **1001023219 CAR000005777**

Site 3 of 3 in cluster L

Relative: Higher

Actual: 14 ft.

RCRA-SQG:
Date form received by agency: 09/14/1995
Facility name: PORT OF LONG BEACH THE
Facility address: SHOEMAKER BRIDGE
LONG BEACH, CA 90801
EPA ID: CAR000005777
Mailing address: 925 HARBOR PLZ
PLANNING
LONG BEACH, CA 90802
Contact: CONNIE YI
Contact address: SHOEMAKER BRIDGE
LONG BEACH, CA 90801
Contact country: US
Contact telephone: (310) 590-4160
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: PORT OF LONG BEACH THE
Owner/operator address: 925 HARBOR PLZ
LONG BEACH, CA 90802
Owner/operator country: Not reported
Owner/operator telephone: (310) 590-4160
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: 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

PORT OF LONG BEACH THE (Continued) **1001023219**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

HAZNET:
envid: 1001023219
Year: 1996
GEPAID: CAR000005777
Contact: PORT OF LONG BEACH THE
Telephone: 3105904160
Mailing Name: Not reported
Mailing Address: 925 HARBOR PLZ
Mailing City,St,Zip: LONG BEACH, CA 908026411
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: .3000
Facility County: Los Angeles

envid: 1001023219
Year: 1996
GEPAID: CAR000005777
Contact: PORT OF LONG BEACH THE
Telephone: 3105904160
Mailing Name: Not reported
Mailing Address: 925 HARBOR PLZ
Mailing City,St,Zip: LONG BEACH, CA 908026411
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Tank
Tons: .1250
Facility County: Los Angeles

envid: 1001023219
Year: 1995
GEPAID: CAR000005777
Contact: PORT OF LONG BEACH THE
Telephone: 3105904160
Mailing Name: Not reported
Mailing Address: 925 HARBOR PLZ
Mailing City,St,Zip: LONG BEACH, CA 908026411
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Tank
Tons: 16.8560
Facility County: Los Angeles

envid: 1001023219
Year: 1995

PORT OF LONG BEACH THE (Continued) **1001023219**

GEPAID:	CAR000005777
Contact:	PORT OF LONG BEACH THE
Telephone:	3105904160
Mailing Name:	Not reported
Mailing Address:	925 HARBOR PLZ
Mailing City,St,Zip:	LONG BEACH, CA 908026411
Gen County:	Not reported
TSD EPA ID:	CAT000646117
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Other
Tons:	16.8560
Facility County:	Los Angeles

K90
SW
1/8-1/4
0.162 mi.
858 ft.

WEST MARINE PRODUCTS **CA UST** **U003661018**
6400 MARINA DR **N/A**
LONG BEACH, CA

Site 3 of 7 in cluster K

Relative:
Lower

Actual:
9 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

91
WNW
1/8-1/4
0.165 mi.
871 ft.

CITY DUMP AND SALVAGE #1 & #3 **CA SWF/LF** **S111075830**
6261 EAST PACIFIC COAST HIGHWAY **N/A**
LONG BEACH, CA

Relative:
Lower

Actual:
7 ft.

LOS ANGELES CO. LF:

Site ID:	2234
Alt. Address:	6180 Bixby Village Drive, Long Beach, CA; 6001-6197 Lyones Drive, Long Beach, CA; 6363 Pacific Coast
Site Contact:	Not reported
Site Contact Phone:	Not reported
Site Email:	Not reported
Site Website:	Not reported
Site Type:	Designated Waste Landfill
Site SWIS Number:	19-AK-5003
Beginning Operation Date:	1949
Disposal Area(Acre):	1956
Local Enforcement Agency:	County Public Health
Maximun Depth Fill(Ft):	33
Permitted Capacity:	Not reported
Present Use:	Residential; Commercial
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Inert;
Hours of Operation:	Not reported
Area:	100

Detail As Of 01/2014:

CITY DUMP AND SALVAGE #1 & #3 (Continued) **S111075830**

Operator Name:	Multiple Operators (See Notes)
Operator Address:	Not reported
Operator City/State/Zip:	Not reported
Operator Contact:	Not reported
Operator Telephone:	Not reported
Operator Email:	Not reported
Owner Name:	Multiple Owners (See Notes)
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported

M92 **HAYNES GENERATING STATION** **RCRA-TSDF** **1000102031**
ESE **6801 EAST 2ND. STREET** **RCRA-LQG** **CAD000633248**
1/8-1/4 **LONG BEACH, CA 90803**
0.166 mi.
877 ft. **Site 4 of 5 in cluster M**

Relative:
Higher

Actual:
13 ft.

RCRA-TSDF:

Date form received by agency:	06/09/2010
Facility name:	HAYNES GENERATING STATION
Facility address:	6801 EAST 2ND. STREET LONG BEACH, CA 90803
EPA ID:	CAD000633248
Mailing address:	111 NORTH HOPE STREET ROOM 1050 LOS ANGELES, CA 90012
Contact:	MARK J SEDLACEK
Contact address:	111 NORTH HOPE STREET ROOM 1050 LOS ANGELES, CA 90012
Contact country:	US
Contact telephone:	(213) 367-0403
Contact email:	MARK.SEDLACEK@LADWP.COM
EPA Region:	09
Land type:	Municipal
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:	MARK J. SEDLACEK
Owner/operator address:	Not reported Not reported

HAYNES GENERATING STATION (Continued) **1000102031**

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1959
Owner/Op end date: Not reported

Owner/operator name: LA DEPT. OF WATER & POWER
Owner/operator address: 111 NORTH HOPE STREET ROOM 1050
LOS ANGELES, CA 90012
Owner/operator country: US
Owner/operator telephone: (213) 367-0403
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1959
Owner/Op end date: Not reported

Owner/operator name: DEPARTMENT OF WATER AND POWER CITY OF LA
Owner/operator address: P. O. BOX 111
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: (213) 481-3100
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DEPARTMENT OF WATER AND POWER CITY OF LA
Owner/operator address: P. O. BOX 111
LOS ANGELES, CA 90051
Owner/operator country: Not reported
Owner/operator telephone: (213) 481-3100
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: 02/28/2008

HAYNES GENERATING STATION (Continued) **1000102031**

Site name: LADWP HAYNES GENERATING STATION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/16/2007
Site name: LADWP HAYNES GENERATING STATION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

HAYNES GENERATING STATION (Continued) **1000102031**

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/28/2006
Site name: LADWP HAYNES GENERATING STATION
Classification: Large Quantity Generator

. Waste code: 134
. Waste name: 134

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 331
. Waste name: 331

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

HAYNES GENERATING STATION (Continued) **1000102031**

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

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/08/2004
Site name: HAYNES GENERATION STN
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/27/2004
Site name: HAYNES GENERATION STATION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

HAYNES GENERATING STATION (Continued) **1000102031**

. Waste code: D009
. Waste name: MERCURY

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/04/1999
Site name: HAYNES GENERATING STATION
Classification: Large Quantity Generator

Date form received by agency: 03/17/1994
Site name: HAYNES GENERATING STATION LADWP
Classification: Large Quantity Generator

Date form received by agency: 10/25/1993
Site name: LOS ANGELES DEPT OF WATER & POWER
Classification: Large Quantity Generator

Date form received by agency: 04/03/1991
Site name: LA DEPT WATER & POWER-HAYNES STATION
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Site name: LOS ANGELES DEPT OF WATER & POWER
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/20/2009
Date achieved compliance: 12/03/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/05/2005
Date achieved compliance: 07/13/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

HAYNES GENERATING STATION (Continued) **1000102031**

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: 04/23/1985
Date achieved compliance: 08/23/1985
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/17/1984
Date achieved compliance: 05/21/1985
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 01/20/1983
Date achieved compliance: 08/23/1985
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: 12/03/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/20/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/03/2009

HAYNES GENERATING STATION (Continued) **1000102031**

Evaluation lead agency: State

Evaluation date: 10/15/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/03/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/26/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/05/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/13/2005
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/25/1986
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/25/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/21/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/21/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/23/1985
Evaluation: GROUNDWATER MONITORING EVALUATION
Area of violation: Generators - General
Date achieved compliance: 08/23/1985
Evaluation lead agency: State

Evaluation date: 02/17/1984

HAYNES GENERATING STATION (Continued) **1000102031**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/21/1985
Evaluation lead agency: EPA

Evaluation date: 01/20/1983
Evaluation: GROUNDWATER MONITORING EVALUATION
Area of violation: Generators - General
Date achieved compliance: 08/23/1985
Evaluation lead agency: State

M93
ESE
1/8-1/4
0.166 mi.
877 ft.

HAYNES GENERATING STATION **CA AST** **A100323958**
6801 2ND ST **N/A**
LONG BEACH, CA 90803

Site 5 of 5 in cluster M

Relative:
Higher

Actual:
13 ft.

AST:
Certified Unified Program Agencies: Long Beach
Owner: L.A. DEPT. OF WATER & POWER
Total Gallons: 78,869,875

K94
SW
1/8-1/4
0.173 mi.
914 ft.

MARIA SHIPYARD **CA FID UST** **S101618007**
6400 MARINA DR **CA SWEEPS UST** **N/A**
LONG BEACH, CA 90803

Site 4 of 7 in cluster K

Relative:
Lower

Actual:
9 ft.

CA FID UST:
Facility ID: 19001728
Regulated By: UTNKA
Regulated ID: 00008103
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2135940995
Mail To: Not reported
Mailing Address: 6400 MARINA DR
Mailing Address 2: Not reported
Mailing City,St,Zip: LONG BEACH 90803
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 8103
Number: 9
Board Of Equalization: 44-013383
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 100
SWRCB Tank Id: 19-060-008103-000001

MARIA SHIPYARD (Continued) **S101618007**

Tank Status:	A
Capacity:	900
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

K95 **INDEL DBA MARINA SHIPYARD** **RCRA-SQG** **1000203508**
SW **6400 MARINA DR** **FINDS** **CAD982013187**
1/8-1/4 **LONG BEACH, CA 90803** **CA HAZNET**
0.173 mi.
914 ft. **Site 5 of 7 in cluster K**

Relative:
Lower

Actual:
9 ft.

RCRA-SQG:

Date form received by agency:	07/13/1987
Facility name:	INDEL DBA MARINA SHIPYARD
Facility address:	6400 MARINA DR LONG BEACH, CA 90803
EPA ID:	CAD982013187
Contact:	ENVIRONMENTAL MANAGER
Contact address:	6400 MARINA DR LONG BEACH, CA 90803
Contact country:	US
Contact telephone:	(213) 594-0995
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

Owner/Operator Summary:

Owner/operator name:	INDEL ENGINEERING INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

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

INDEL DBA MARINA SHIPYARD (Continued) **1000203508**

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

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	05/19/2010
Date achieved compliance:	05/19/2010
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:	Generators - General
Date violation determined:	03/31/2009
Date achieved compliance:	03/31/2009
Violation lead agency:	State
Enforcement action:	Not reported
Enforcement action date:	Not reported
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	Not reported
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	01/09/2008
Date achieved compliance:	02/21/2008
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

INDEL DBA MARINA SHIPYARD (Continued) **1000203508**

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

Evaluation Action Summary:

Evaluation date: 05/19/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/19/2010
Evaluation lead agency: State

Evaluation date: 03/31/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/31/2009
Evaluation lead agency: State

Evaluation date: 01/09/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/21/2008
Evaluation lead agency: State

FINDS:

Registry ID: 110002776256

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.

HAZNET:

envid: 1000203508
Year: 2013
GEPAID: CAD982013187
Contact: JERRY TRETTER
Telephone: 5625940995
Mailing Name: Not reported
Mailing Address: 6400 E MARINA DR
Mailing City,St,Zip: LONG BEACH, CA 908034605
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.561
Facility County: Not reported

INDEL DBA MARINA SHIPYARD (Continued) **1000203508**

envid: 1000203508
Year: 2013
GEPAID: CAD982013187
Contact: JERRY TRETTER
Telephone: 5625940995
Mailing Name: Not reported
Mailing Address: 6400 E MARINA DR
Mailing City,St,Zip: LONG BEACH, CA 908034605
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: 0.05
Facility County: Not reported

envid: 1000203508
Year: 2013
GEPAID: CAD982013187
Contact: JERRY TRETTER
Telephone: 5625940995
Mailing Name: Not reported
Mailing Address: 6400 E MARINA DR
Mailing City,St,Zip: LONG BEACH, CA 908034605
Gen County: Los Angeles
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.31355
Facility County: Not reported

envid: 1000203508
Year: 2013
GEPAID: CAD982013187
Contact: JERRY TRETTER
Telephone: 5625940995
Mailing Name: Not reported
Mailing Address: 6400 E MARINA DR
Mailing City,St,Zip: LONG BEACH, CA 908034605
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.36
Facility County: Not reported

envid: 1000203508
Year: 2012
GEPAID: CAD982013187
Contact: JERRY TRETTER
Telephone: 5625940995
Mailing Name: Not reported
Mailing Address: 6400 E MARINA DR

INDEL DBA MARINA SHIPYARD (Continued) **1000203508**

Mailing City,St,Zip: LONG BEACH, CA 908034605
Gen County: Los Angeles
TSD EPA ID: AZR000501510
TSD County: 99
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.2
Facility County: Los Angeles

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

K96
SW
1/8-1/4
0.173 mi.
914 ft.

MARIA SHIPYARD **CA HIST UST** **U001565886**
6400 E MARINA DR **N/A**
LONG BEACH, CA 90803

Site 6 of 7 in cluster K

Relative:
Lower

Actual:
9 ft.

HIST UST:
Region: STATE
Facility ID: 00000008103
Facility Type: Other
Other Type: BOATYARD
Contact Name: D.E. TRETTER
Telephone: 2135940995
Owner Name: MARINA SHIPYARD
Owner Address: 6400 MARINA DRIVE
Owner City,St,Zip: LONG BEACH, CA 90803
Total Tanks: 0001

Tank Num: 001
Container Num: 100
Year Installed: 1978
Tank Capacity: 00000900
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

K97
SW
1/8-1/4
0.173 mi.
914 ft.

MARINA SHIPYARD,INDELL ENGRG I **CA HIST CORTESE** **S104406337**
6400 MARINA DRIVE **CA LUST** **N/A**
LONG BEACH, CA 90803 **CA EMI**
CA WDS

Site 7 of 7 in cluster K

Relative:
Lower

Actual:
9 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908030089

LUST:
Region: STATE
Global Id: T0603701724
Latitude: 33.7562243

MARINA SHIPYARD,INDELL ENGRG I (Continued) **S104406337**

Longitude:	-118.1122101
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/22/1997
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YL
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908030089
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

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

Contact:

Global Id:	T0603701724
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701724
Contact Type:	Regional Board Caseworker
Contact Name:	YI LU
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	ylu@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701724
Status:	Completed - Case Closed
Status Date:	09/22/1997

Global Id:	T0603701724
Status:	Open - Case Begin Date
Status Date:	04/11/1985

Global Id:	T0603701724
Status:	Open - Site Assessment
Status Date:	04/11/1985

Regulatory Activities:

Global Id:	T0603701724
Action Type:	Other
Date:	05/29/1985
Action:	Leak Reported

LUST REG 4:

MARINA SHIPYARD,INDELL ENGRG I (Continued) **S104406337**

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908030089
Status:	Case Closed
Substance:	Hydrocarbons
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701724
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19060
Cross Street:	WESTMINSTER
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	5/29/1985
Date Leak Record Entered:	6/17/1988
Date Confirmation Began:	4/11/1985
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	6/17/1988
Date the Case was Closed:	9/22/1997
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	12329.915415341574528570801872
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	4/11/1985
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	4/11/1985
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	MARINA SHIPYARD
RP Address:	6400 MARINA DR., LONG BEACH, CA 90803
Program:	LUST
Lat/Long:	33.7562243 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported

MARINA SHIPYARD,INDELL ENGRG I (Continued) **S104406337**

Summary: 900 GA GASOLINE TANK NO
DRINKINGS WATER WELL WITHIN 2 MILES

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3731
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smllr Tons/Yr:	1

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	54024
Air District Name:	SC
SIC Code:	3732
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 & Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3732
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1993
County Code:	19

MARINA SHIPYARD,INDELL ENGRG I (Continued) **S104406337**

Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3732
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3732
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3732
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3732
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

MARINA SHIPYARD,INDELL ENGRG I (Continued) **S104406337**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3732
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.40894
Reactive Organic Gases Tons/Yr:	2.36
Carbon Monoxide Emissions Tons/Yr:	0.985
NOX - Oxides of Nitrogen Tons/Yr:	0.0255
SOX - Oxides of Sulphur Tons/Yr:	0.00133
Particulate Matter Tons/Yr:	0.00163
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2006
County Code:	19
Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.723605850389095657
Reactive Organic Gases Tons/Yr:	2.755
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 & Smllr Tons/Yr:	0

Year:	2007
County Code:	19
Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.723605850389095657
Reactive Organic Gases Tons/Yr:	2.755
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

MARINA SHIPYARD,INDELL ENGRG I (Continued) **S104406337**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2012
County Code:	19
Air Basin:	SC
Facility ID:	23468
Air District Name:	SC
SIC Code:	3732
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.7265260085
Reactive Organic Gases Tons/Yr:	2.39024
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 & Smllr Tons/Yr:	0

WDS:

Facility ID:	4 19I004977
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	3105940995
Facility Contact:	JERRY TRETTER
Agency Name:	MARINA SHIPYARD
Agency Address:	6400 E Marina Dr Ste 5
Agency City,St,Zip:	Long Beach 908034688
Agency Contact:	BUD TRETTERJAY NELSON
Agency Telephone:	3105940995
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be

MARINA SHIPYARD,INDELL ENGRG I (Continued) **S104406337**

considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

N98 SSW 1/8-1/4 0.176 mi. 928 ft. **LA COUNTY FLOOD CONTROL DUMP** **CA SWF/LF** **S106198551**
SW WESTMINSTERAVE AND HWY 1 (PCH) **N/A**
LONG BEACH, CA

Site 1 of 3 in cluster N

Relative: Lower

Actual: 12 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	19-AK-5008
Lat/Long:	33.75564 / -118.10993
Owner Name:	Vickers II, Ms. / Pacific Coast Homes
Owner Telephone:	Not reported
Owner Address:	P O Box 285 Houston, TX 77001
Owner Address2:	1999 Avenue of the Stars
Owner City,St,Zip:	Los Angeles, CA 90067
Operational Status:	Closed
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	Not reported
Activity:	Solid Waste Disposal Site
Regulation Status:	Pre-regulations
Landuse Name:	Open Space - Irrigated,Commercial
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Annual
Accepted Waste:	Not reported
Closure Date:	12/31/1962
Closure Type:	Estimated
Disposal Acreage:	Not reported
SWIS Num:	19-AK-5008
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	33.75564 / -118.10993

99
South
1/8-1/4
0.192 mi.
1016 ft.

CHEVRON - ALAMITOS BAY PARTNERSHIP
6655 MARINA DR
LONG BEACH, CA 90813

CA SLIC **S106386911**
N/A

Relative:
Higher

Actual:
13 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	09/23/1994
Global Id:	SLT4303129
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.753013
Longitude:	-118.107415
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0050
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0050
Substance:	TPH
Staff:	Jenny Au

100
WSW
1/8-1/4
0.218 mi.
1150 ft.

9131 MARINA PACIFICA DR N
LONG BEACH, CA 90803

EDR US Hist Auto Stat **1015673036**
N/A

Relative:
Lower

Actual:
7 ft.

EDR Historical Auto Stations:

Name:	CA AUTO TRANSMISSION REPAIR
Year:	2001
Address:	9131 MARINA PACIFICA DR N
Name:	CA AUTO TRANSMISSION REPAIR
Year:	2002
Address:	9131 MARINA PACIFICA DR N
Name:	CALIFORNIA AUTOMOTIVE TRANSMISSION
Year:	2005
Address:	9131 MARINA PACIFICA DR N

101
WSW
1/8-1/4
0.218 mi.
1151 ft.

CITY OF LONG BEACH
6201 MARINA DR
LONG BEACH, CA 90803

CA UST **U003854820**
N/A

Relative:
Lower

Actual:
7 ft.

UST:

Facility ID:	19-060-003200
Permitting Agency:	LONG BEACH, CITY OF
Latitude:	33.75854
Longitude:	-118.1162

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	1T
Tank Test:	Dual Walled
Leak Test:	Not reported
Tank Status:	Not reported

N102
SSW
1/8-1/4
0.220 mi.
1159 ft.

CITY OF LONG BEACH
6610 MARINA DR
LONG BEACH, CA 90803

Site 2 of 3 in cluster N

CA UST **U003854822**
N/A

Relative:
Lower

Actual:
12 ft.

UST:

Facility ID:	19-060-003170
Permitting Agency:	LONG BEACH, CITY OF
Latitude:	33.75501
Longitude:	-118.11048

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	1T
Tank Test:	Dual Walled
Leak Test:	Not reported
Tank Status:	Not reported

N103
SSW
1/8-1/4
0.220 mi.
1159 ft.

CITY OF LONG BEACH
6610 MARINA DR
LONG BEACH, CA 90803

Site 3 of 3 in cluster N

CA SWEEPS UST **U003779416**
N/A

Relative:
Lower

Actual:
12 ft.

SWEEPS UST:

Status:	Active
Comp Number:	33992
Number:	3
Board Of Equalization:	Not reported
Referral Date:	02-16-93
Action Date:	06-15-93
Created Date:	06-15-93
Owner Tank Id:	27897
SWRCB Tank Id:	19-060-033992-000001

CITY OF LONG BEACH (Continued) **U003779416**

Tank Status:	A
Capacity:	500
Active Date:	02-16-93
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	1

104
South
1/8-1/4
0.233 mi.
1228 ft.

STATE LANDS COMMISSION
PACIFIC COAST HWY
SEAL BEACH, CA 90740

CA HIST CORTESE **S102511909**
CA LUST **N/A**
CA SLIC

Relative:
Lower

Actual:
12 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000817T

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000526T

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000751T
Local Case Num:	88IC69
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	1ST
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605900594
How Stopped Date:	Not reported
Enter Date:	2/17/1988
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	2/21/1986
Enforcement Date:	Not reported
Close Date:	11/21/1989
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	2/17/1988
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	2/17/1988

STATE LANDS COMMISSION (Continued) **S102511909**

GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LOCNL
Latitude:	33.762382
Longitude:	-118.0874242
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	CAB
Staff Initials:	Not reported
Lead Agency:	Local Agency
Local Agency:	30000
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	CLARE DEDRICK IS THE EXECUTIVE OFFICER OF THE STATE LANDS COMMISSION.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	11/21/1989
Global Id:	T0605900594
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number:	Not reported
Latitude:	33.762382
Longitude:	-118.0874242
Case Type:	Cleanup Program Site
Case Worker:	CAB
Local Agency:	Not reported
RB Case Number:	083000751T
File Location:	Not reported
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

105
NW
1/4-1/2
0.255 mi.
1347 ft.

LOYNES - BIXBY VILLAGE DISPOSA **CA WMUDS/SWAT** **S100838518**
LOYNES DR. & BIXBY VILLAGE DR. **N/A**
LONG BEACH, CA 90806

Relative:
Higher

Actual:
23 ft.

WMUDS/SWAT:

Edit Date:	19950126
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported

LOYNES - BIXBY VILLAGE DISPOSA (Continued) **S100838518**

Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	56-35
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	SAN GABRIEL RIVER IMPROVEMENT
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	2134327931
Land Owner Name:	SAN GABRIEL RIVER IMPROVEMENT
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA 90806
Land Owner Contact:	Not reported
Land Owner Phone:	2134327931
Region:	4
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	LOYNES - BIXBY VILLAGE DISPOSAL SITE
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	JHMJHMJHM
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	SAN GABRIEL RIVER IMPROVEMENT
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	LT
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4 190101NUR
Solid Waste Information ID:	19-AK-0003

O106
NE
1/4-1/2
0.256 mi.
1354 ft.

SCE, ALAMITOS GENERATING STA.
690 STUDEBAKER ROAD
LONG BEACH, CA 90803

CA Toxic Pits | **S100676271**
N/A

Site 1 of 3 in cluster O

Relative:
Lower

Actual:
12 ft.

TOXIC PITS:

Region:	04
Task #:	04010
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

O107
NE
1/4-1/2
0.256 mi.
1354 ft.

EPTC ALAMITOS
690 N. STUDEBAKER RD.
LONG BEACH, CA 90815

CORRACTS | **1000167573**
RCRA-SQG | **CAD009694795**
NY MANIFEST
US AIRS

Site 2 of 3 in cluster O

Relative:
Lower

Actual:
12 ft.

CORRACTS:

EPA ID:	CAD009694795
EPA Region:	09
Area Name:	STUDEBAKER
Actual Date:	20060901
Action:	CA100 - RFI Imposition
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	CAD009694795
EPA Region:	09
Area Name:	SURFACE IMPOUNDMENTS
Actual Date:	20111004
Action:	CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s):	Not reported
Original schedule date:	20111023
Schedule end date:	Not reported

EPA ID:	CAD009694795
EPA Region:	09
Area Name:	SURFACE IMPOUNDMENTS
Actual Date:	20111004
Action:	CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s):	Not reported
Original schedule date:	20111023
Schedule end date:	Not reported

EPA ID:	CAD009694795
EPA Region:	09
Area Name:	STUDEBAKER PROPERTY - FORMER ABOVEGROUND
Actual Date:	20070120

EPTC ALAMITOS (Continued) **1000167573**

Action: CA110 - RFI Workplan Received
NAICS Code(s): Not reported
Original schedule date: 20070130
Schedule end date: Not reported

EPA ID: CAD009694795
EPA Region: 09
Area Name: SURFACE IMPOUNDMENTS
Actual Date: 20110824
Action: CA110 - RFI Workplan Received
NAICS Code(s): Not reported
Original schedule date: 20110930
Schedule end date: Not reported

EPA ID: CAD009694795
EPA Region: 09
Area Name: STUDEBAKER PROPERTY - FORMER ABOVEGROUND
Actual Date: 20070828
Action: CA150 - RFI Workplan Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009694795
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20130630
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009694795
EPA Region: 09
Area Name: SURFACE IMPOUNDMENTS
Actual Date: 20120131
Action: CA150 - RFI Workplan Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009694795
EPA Region: 09
Area Name: STUDEBAKER
Actual Date: 20070731
Action: CA150 - RFI Workplan Approved
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-SQG:
Date form received by agency: 03/04/1999
Facility name: EPTC ALAMITOS
Site name: ALAMITOS GENERATING STATION
Facility address: 690 N. STUDEBAKER RD.
LONG BEACH, CA 90815
EPA ID: CAD009694795

EPTC ALAMITOS (Continued) **1000167573**

Mailing address: 2244 WALNUT GROVE AVE ROOM 405
ROSEMEAD, CA 91770
Contact: KATHRYN VANDERSLICE
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (626) 302-9320
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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
Site name: EPTC ALAMITOS
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

EPTC ALAMITOS (Continued) **1000167573**

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 09/01/1996
Site name: EPTC ALAMITOS
Classification: Large Quantity Generator

Date form received by agency: 02/27/1996
Site name: SOUTHERN CALIFORNIA EDISON
Classification: Large Quantity Generator

Date form received by agency: 03/29/1994
Site name: ALAMITOS GENERATING STATION
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Site name: SOUTHERN CALIFORNIA EDISON ALA
Classification: Large Quantity Generator

Date form received by agency: 03/28/1990
Site name: SOUTHERN CALIFORNIA EDISON ALAMIT
Classification: Large Quantity Generator

Corrective Action Summary:
Event date: 09/01/2006
Event: RFI Imposition

EPTC ALAMITOS (Continued) **1000167573**

Event date: 01/20/2007
Event: RFI Workplan Received

Event date: 07/31/2007
Event: RFI Workplan Approved

Event date: 08/28/2007
Event: RFI Workplan Approved

Event date: 08/24/2011
Event: RFI Workplan Received

Event date: 10/04/2011
Event: RFI Workplan Modification Requested By Agency

Event date: 10/04/2011
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 01/31/2012
Event: RFI Workplan Approved

Event date: 06/30/2013
Event: RFI Supplemental Implementation Begun

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 02/01/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1950000
Paid penalty amount: 1633200

Regulation violated: FR - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/23/1993
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 - 264.90-94.F
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995

EPTC ALAMITOS (Continued) **1000167573**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/23/1993
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 - 264.220-230.K
Area of violation: TSD - General
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/23/1993
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 - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 02/01/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1950000
Paid penalty amount: 1633200

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/23/1993
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 - 264.90-94.F
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State

EPTC ALAMITOS (Continued) **1000167573**

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 02/01/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1950000
Paid penalty amount: 1633200

Regulation violated: FR - 264.220-230.K
Area of violation: TSD - General
Date violation determined: 09/23/1993
Date achieved compliance: 02/01/1995
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 02/01/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 1950000
Paid penalty amount: 1633200

Evaluation Action Summary:
Evaluation date: 05/28/2014
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/30/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/22/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/12/1993
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Generators - General
Date achieved compliance: 02/01/1995
Evaluation lead agency: State

Evaluation date: 03/12/1993
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: TSD IS-Ground-Water Monitoring

EPTC ALAMITOS (Continued) **1000167573**

Date achieved compliance: 02/01/1995
Evaluation lead agency: State

Evaluation date: 03/12/1993
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: TSD - General
Date achieved compliance: 02/01/1995
Evaluation lead agency: State

NY MANIFEST:
EPA ID: CAD009694795
Country: USA
Location Address 1: 690 N STUDEBAKER RD
Location Address 2: Not reported
Location City: LONG BEACH
Location State: CA
Location Zip Code: 90815
Location Zip Code 4: Not reported

Mailing Info:
Name: SOUTHERN CALIFORNIA EDISON
Contact: STEVE MAGHY
Address: 690 N STUDEBAKER RD
City/State/Zip: LONG BEACH, CA 90815
Country: USA
Phone: 213-493-7384

Manifest:

Document ID: NYB5421177
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 12/14/1993
Trans1 Recv Date: 12/14/1993
Trans2 Recv Date: / /
TSD Site Recv Date: 01/05/1994
Part A Recv Date: / /
Part B Recv Date: 01/19/1994
Generator EPA ID: CAD009694795
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: Not reported
TSDF ID: NYD048148175
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00240
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 1993

AIRS (AFS):

Compliance and Violation Data Major Sources:
EPA plant ID: 110000522113
Plant name: AES ALAMITOS STATION, LLC
Plant address: 690 STUDEBAKER

EPTC ALAMITOS (Continued) **1000167573**

	LONG BEACH, CA 90803
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

O108 **ALAMITOS GENERATING STATION** **CA SLIC** **S104549313**
NE **690 NORTH STUDEBAKER ROAD** **CA ENF** **N/A**
1/4-1/2 **LONG BEACH, CA 90803**
0.256 mi.
1354 ft. **Site 3 of 3 in cluster O**

Relative:
Lower

Actual:
12 ft.

SLIC REG 4:

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

ENF:

Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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:	1282.8

ALAMITOS GENERATING STATION (Continued) **S104549313**

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:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2010
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):	397235
Region:	4
Order / Resolution Number:	Not reported
Enforcement Action Type:	13267 Letter
Effective Date:	07/14/2014
Adoption/Issuance Date:	07/14/2014
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	13267 Letter 07/14/2014 for AES Alamitos LLC
Description:	Information requested in response to temperature violations. Not reported
Program:	NPDINDLRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00

ALAMITOS GENERATING STATION (Continued) **S104549313**

Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00
Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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:	1282.8
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:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000

ALAMITOS GENERATING STATION (Continued) **S104549313**

Expiration/Review Date:	01/01/2010
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):	392477
Region:	4
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	07/22/2013
Adoption/Issuance Date:	07/22/2013
Achieve Date:	Not reported
Termination Date:	07/22/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 07/22/2013 for AES Alamitos LLC
Description:	Sent the discharger two email detailing the discrepancies in the report submittal and the monitoring violations. The database will also notify the LRO of the violations linked to the January and February reports. Note: 6 hours were spent reviewing these two reports and addressing these violations.
Program:	NPDINDLRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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

ALAMITOS GENERATING STATION (Continued) **S104549313**

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:	1282.8
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:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2010
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):	392476
Region:	4
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	07/23/2013
Adoption/Issuance Date:	07/23/2013
Achieve Date:	Not reported
Termination Date:	07/23/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

ALAMITOS GENERATING STATION (Continued) **S104549313**

Status:	Historical
Title:	Oral Com 07/23/2013 for AES Alamitos LLC
Description:	Sent the discharger an email detailing the discrepancies in the report. The database notified the LRO of the violations linked to both the March and April 2013 reports. Note: 8 hours were spent reviewing these two reports and addressing these violations.
Program:	NPDINDLRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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:	1282.8
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:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits

ALAMITOS GENERATING STATION (Continued) **S104549313**

Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2010
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):	392474
Region:	4
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	07/25/2013
Adoption/Issuance Date:	07/25/2013
Achieve Date:	Not reported
Termination Date:	07/25/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 07/25/2013 for AES Alamitos LLC
Description:	Sent the discharger an email detailing the discrepancies in the report submittal and the monitoring violation. The database will also notify the LRO of the violations linked to the May 2013 report. Note: 6 hours were spent reviewing and addressing these violations.
Program:	NPDINDLRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant

ALAMITOS GENERATING STATION (Continued) **S104549313**

Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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:	1282.8
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:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2010
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

ALAMITOS GENERATING STATION (Continued) **S104549313**

Direction/Voice:	Passive
Enforcement Id(EID):	389478
Region:	4
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	01/24/2012
Adoption/Issuance Date:	01/24/2012
Achieve Date:	Not reported
Termination Date:	01/24/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 01/24/2012 for AES Alamitos LLC
Description:	Contacted Mike Linares by email on 1/24/2012 to let him know about the Maximum Holding Time for coliform and the inadequacy of the chain-of-custody forms.
Program:	NPDINDLRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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:	1282.8
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

ALAMITOS GENERATING STATION (Continued) **S104549313**

Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2010
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):	385569
Region:	4
Order / Resolution Number:	Not reported
Enforcement Action Type:	13267 Letter
Effective Date:	06/05/2012
Adoption/Issuance Date:	06/05/2012
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	13267 Letter 06/05/2012 for AES Alamitos LLC
Description:	Discharger failed to comply with the 13267 Order timely.
Program:	NPDINDLRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

ALAMITOS GENERATING STATION (Continued) **S104549313**

Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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:	1282.8
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:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2010
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

ALAMITOS GENERATING STATION (Continued) **S104549313**

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):	382673
Region:	4
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	05/04/2011
Adoption/Issuance Date:	05/04/2011
Achieve Date:	Not reported
Termination Date:	05/04/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 05/04/2011 for AES Alamitos LLC
Description:	Not reported
Program:	NPDINDLRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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:	1282.8
Threat To Water Quality:	1
Complexity:	A

ALAMITOS GENERATING STATION (Continued) **S104549313**

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:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2010
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):	382671
Region:	4
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	12/21/2011
Adoption/Issuance Date:	12/21/2011
Achieve Date:	Not reported
Termination Date:	12/21/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 12/21/2011 for AES Alamitos LLC
Description:	Not reported
Program:	NPDINDLRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00

ALAMITOS GENERATING STATION (Continued) **S104549313**

Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00
Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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:	1282.8
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:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2010
Termination Date:	Not reported
WDR Review - Amend:	Not reported

ALAMITOS GENERATING STATION (Continued) **S104549313**

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):	352440
Region:	4
Order / Resolution Number:	R4-2008-0057-M
Enforcement Action Type:	Admin Civil Liability
Effective Date:	08/29/2008
Adoption/Issuance Date:	01/22/2009
Achieve Date:	Not reported
Termination Date:	02/02/2009
ACL Issuance Date:	01/22/2009
EPL Issuance Date:	08/29/2008
Status:	Historical
Title:	Stipulated Order R4-2008-0057-M for $87,000 issued 1/22/09.
Description:	Expedited Settlement Ltr sent 8/29/08 for 34 effluent & 1 late report. MMP amt for 28 eligible effluent violations: $84,000 to CAA. MMP amt for 1 late report: $3,000 to CAA. Stipulated Order R4-2008-0057-M for $87,000 issued 1/22/09.
Program:	NPDINDLRG
Latest Milestone Completion Date:	2/2/2009
# Of Programs1:	1
Total Assessment Amount:	$87,000.00
Initial Assessed Amount:	$87,000.00
Liability $ Amount:	$87,000.00
Project $ Amount:	$0.00
Liability $ Paid:	$87,000.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$87,000.00

Region:	4
Facility Id:	207266
Agency Name:	AES Alamitos LLC
Place Type:	Utility
Place Subtype:	Power Plant
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.76592
Place Longitude:	-118.10366
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

ALAMITOS GENERATING STATION (Continued) **S104549313**

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	1282.8
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:	NPDINDLRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192111006
Reg Measure Id:	148236
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	00-082
Npdes# CA#:	CA0001139
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:	08/10/2012
Effective Date:	06/29/2000
Expiration/Review Date:	01/01/2010
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):	349106
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	05/30/2008
Adoption/Issuance Date:	05/30/2008
Achieve Date:	Not reported
Termination Date:	05/30/2008
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 5/30/08 for 31 permit effluent violations of Order 00-082.
Description:	NOV sent 5/30/08 for 31 permit effluent violations of Order 00-082.
Program:	NPDINDLRG

ALAMITOS GENERATING STATION (Continued) **S104549313**

Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

P109 **OIL & MUD DUMP** **CA SWF/LF** **S109821557**
NW **6204 E. PACIFIC COAST HIGHWAY** **N/A**
1/4-1/2 **LONG BEACH, CA**
0.318 mi.
1677 ft. **Site 1 of 3 in cluster P**

Relative:
Lower

Actual:
7 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	19-AK-5024
Lat/Long:	33.7666699 / -118.116
Owner Name:	Not reported
Owner Telephone:	Not reported
Owner Address:	Not reported
Owner Address2:	Not reported
Owner City,St,Zip:	Not reported
Operational Status:	Not reported
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	09/10/1997
Permit Status:	Exempted
Permitted Acreage:	Not reported
Activity:	Not reported
Regulation Status:	Not reported
Landuse Name:	Commercial
GIS Source:	GPS
Category:	Not reported
Unit Number:	Not reported
Inspection Frequency:	Not reported
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	19-AK-5024
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	33.7666699 / -118.116

P110 NW 1/4-1/2 0.325 mi. 1715 ft. | **WHALER'S COVE HOMEOWNERS 6053 LOYNES DRIVE LONG BEACH, CA 90803** | **CERC-NFRAP** | **1004654697 CAD983670589**

Site 2 of 3 in cluster P

Relative: Lower

Actual: 11 ft.

CERC-NFRAP:

Site ID:	0904864
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:	13290370.00000
Person ID:	13003854.00000
Contact Sequence ID:	13295965.00000
Person ID:	13003858.00000
Contact Sequence ID:	13301823.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	07/01/93
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	02/23/99
Date Completed:	12/21/00
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	03/23/01
Priority Level:	Not reported

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111 South 1/4-1/2 0.330 mi. 1740 ft. | **ALAMITOS BAY PARTNERSHIP S/PCH N/MARINA DR W/STUDEBAKER LONG BEACH, CA 90803** | **RCRA-SQG CA HIST CORTESE CA LUST CA HIST UST CA CHMIRS** | **1000300522 CAD982053266**

Relative: Higher

Actual: 13 ft.

RCRA-SQG:

Date form received by agency:	10/09/1987
Facility name:	ALAMITOS BAY PARTNERSHIP
Facility address:	S/PCH N/MARINA DR W/STUDEBAKER LONG BEACH, CA 90803
EPA ID:	CAD982053266
Mailing address:	2850 OCEAN PARK BLVD SANTA MONICA, CA 90400
Contact:	ENVIRONMENTAL MANAGER
Contact address:	S/PCH N/MARINA DR W/STUDEBAKER LONG BEACH, CA 90803
Contact country:	US
Contact telephone:	(213) 471-5426
Contact email:	Not reported
EPA Region:	09

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

Owner/operator name: ALAMITOS BAY PARTNERSHIP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908030125

LUST:
Region: STATE
Global Id: T10000004637

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

Latitude:	33.7487236
Longitude:	-118.1125004
Case Type:	LUST Cleanup Site
Status:	Open - Eligible for Closure
Status Date:	12/28/2014
Lead Agency:	SWRCB
Case Worker:	MC
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	Not reported
LOC Case Number:	TTPR0020942
File Location:	Not reported
Potential Media Affect:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

Contact:

Global Id:	T10000004637
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T10000004637
Contact Type:	Regional Board Caseworker
Contact Name:	MATTHEW COHEN
Organization Name:	SWRCB
Address:	1001 I Street
City:	SACRAMENTO
Email:	mcohen@waterboards.ca.gov
Phone Number:	9163415751

Status History:

Global Id:	T10000004637
Status:	Open - Verification Monitoring
Status Date:	04/29/2014

Global Id:	T10000004637
Status:	Open - Eligible for Closure
Status Date:	08/27/2014

Global Id:	T10000004637
Status:	Open - Eligible for Closure
Status Date:	12/28/2014

Global Id:	T10000004637
Status:	Open - Verification Monitoring
Status Date:	12/26/2014

Global Id:	T10000004637
Status:	Open - Case Begin Date
Status Date:	03/06/2013

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

Global Id: T10000004637
Status: Open - Inactive
Status Date: 03/08/2013

Regulatory Activities:

Global Id: T10000004637
Action Type: Other
Date: 03/06/2013
Action: Leak Began

Global Id: T10000004637
Action Type: Other
Date: 03/06/2013
Action: Leak Discovery

Global Id: T10000004637
Action Type: ENFORCEMENT
Date: 09/09/1996
Action: Closure/No Further Action Letter

Global Id: T10000004637
Action Type: ENFORCEMENT
Date: 11/20/1986
Action: 13267 Requirement

Global Id: T10000004637
Action Type: Other
Date: 03/06/2013
Action: Leak Reported

Global Id: T10000004637
Action Type: RESPONSE
Date: 02/28/1986
Action: Site Assessment Report

Global Id: T10000004637
Action Type: RESPONSE
Date: 09/17/1991
Action: Unknown

Global Id: T10000004637
Action Type: RESPONSE
Date: 04/23/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000004637
Action Type: RESPONSE
Date: 04/23/1990
Action: Monitoring Report - Other

Global Id: T10000004637
Action Type: ENFORCEMENT
Date: 09/20/1986
Action: 13267 Requirement

Global Id: T10000004637
Action Type: ENFORCEMENT

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

Date: 11/20/1986
Action: 13267 Requirement

Global Id: T10000004637
Action Type: ENFORCEMENT
Date: 09/15/1986
Action: 13267 Requirement

Global Id: T10000004637
Action Type: RESPONSE
Date: 09/17/1991
Action: Monitoring Report - Other

Global Id: T10000004637
Action Type: RESPONSE
Date: 02/28/1986
Action: Site Assessment Report

Global Id: T10000004637
Action Type: RESPONSE
Date: 05/13/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000004637
Action Type: RESPONSE
Date: 12/31/1986
Action: Unknown

Global Id: T10000004637
Action Type: RESPONSE
Date: 09/19/1996
Action: Unauthorized Release Form

Global Id: T10000004637
Action Type: RESPONSE
Date: 12/31/1986
Action: Monitoring Report - Other

Global Id: T10000004637
Action Type: RESPONSE
Date: 01/09/1987
Action: Correspondence

Global Id: T10000004637
Action Type: RESPONSE
Date: 07/01/2013
Action: Other Report / Document

Global Id: T10000004637
Action Type: RESPONSE
Date: 12/31/1986
Action: Other Report / Document

Global Id: T10000004637
Action Type: RESPONSE
Date: 01/09/1987
Action: Unauthorized Release Form

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

Global Id:	T10000004637
Action Type:	RESPONSE
Date:	05/13/1996
Action:	Tank Removal Report / UST Sampling Report

Global Id:	T10000004637
Action Type:	RESPONSE
Date:	10/09/1987
Action:	Preliminary Site Assessment Report

Global Id:	T10000004637
Action Type:	ENFORCEMENT
Date:	12/15/2014
Action:	State Water Board Closure Order

Global Id:	T10000004637
Action Type:	RESPONSE
Date:	04/09/2014
Action:	Tank Removal Report / UST Sampling Report

Global Id:	T10000004637
Action Type:	ENFORCEMENT
Date:	08/28/2014
Action:	Notification - Public Notice of Case Closure

HIST UST:

Region:	STATE
Facility ID:	00000041361
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	BILL WALKER
Telephone:	5
Owner Name:	LONG BEACH MARINA BUREAU
Owner Address:	450 E SHORELINE DR
Owner City,St,Zip:	LONG BEACH, CA 90802
Total Tanks:	0005

Tank Num:	001
Container Num:	(5) FIVE
Year Installed:	1975
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	(4) FOUR
Year Installed:	1975
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

Container Num:	(1) ONE
Year Installed:	1975
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	(3) THREE
Year Installed:	1975
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	005
Container Num:	(2) TWO
Year Installed:	1975
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

CHMIRS:

OES Incident Number:	'13-4673
OES notification:	07/30/2013
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
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

Waterway Involved:	Yes
Waterway:	Alamitos Bay, Tributary of Pacific Ocean
Spill Site:	Waterways
Cleanup By:	Not Stated
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	753
Year:	2013
Agency:	NRC
Incident Date:	7/30/2013
Admin Agency:	Long Beach Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Alamitos Bay, Tributary of Pacific Ocean
E Date:	Not reported
Substance:	Diesel Oil
Quantity Released:	2
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Per NRC Report, "caller stated that a fuel dock leaked approximately 2 gallons of diesel into the Alamitos Bay." Remedial Actions: "Health department is en route to oversee clean up. The fire department deployed containment boom."
OES Incident Number:	14-0270
OES notification:	01/16/2014
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
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Long Beach Harbor
Spill Site:	Waterways
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1633
Year:	2014
Agency:	Long Beach Fire Dept
Incident Date:	1/16/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Long Beach Harbor
E Date:	Not reported
Substance:	Diesel
Quantity Released:	9
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Unknown
Fatals:	No
Comments:	Not reported
Description:	RP states that a boat leaked 9 gallons of diesel into the water due to unknown reasons. The release is contained and cleanup is underway. Caller states the release has produced a 200 yard x 200 yard sheen and has been boomed off. Long Beach Harbor has been impacted.

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

OES Incident Number:	98-0045
OES notification:	01/05/1998
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
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Alamitos Bay
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:	1998
Agency:	Alamitos Bay Marine
Incident Date:	1/5/199812:00:00 AM
Admin Agency:	Long Beach Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station,Ship/Harbor/Port,Waterways
E Date:	Not reported
Substance:	Diesel
Gallons:	10
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported

ALAMITOS BAY PARTNERSHIP (Continued) **1000300522**

#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Filter separated, unknown cause, causing diesel to go into the water. Cleanup complete in the water.

P112 **CITY DUMP AND SALAVAGE 1&3** **CA SWF/LF** **S105003785**
NW **PACIFIC COAST HIGHWAY AT LOYNES DRIVE** **N/A**
1/4-1/2 **LONG BEACH, CA**
0.330 mi.
1741 ft. **Site 3 of 3 in cluster P**

Relative:
Lower

Actual:
9 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	19-AK-5003
Lat/Long:	33.7684799 / -118.11187
Owner Name:	Alamitos Bay Partnership c/c Owners
Owner Telephone:	8185760737
Owner Address:	Not reported
Owner Address2:	The Jacmar Company
Owner City,St,Zip:	Alhambra, CA 91803
Operational Status:	Closed
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	Not reported
Activity:	Solid Waste Disposal Site
Regulation Status:	Unpermitted
Landuse Name:	Urban,Residential,Park,Golf Course,Commercial
GIS Source:	GPS
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Not reported
Closure Date:	12/31/1956
Closure Type:	Estimated
Disposal Acreage:	Not reported
SWIS Num:	19-AK-5003
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	33.7684799 / -118.11187

113 South 1/4-1/2 0.390 mi. 2060 ft. | **EAVES SEAL BEACH**
333 FIRST STREET
SEAL BEACH, CA 90740 | **CA VCP** | **S108649780**
CA ENVIROSTOR | **N/A**

Relative: Lower

Actual: 9 ft.

VCP:

Facility ID:	60000680
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	13
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nirupma Suryavanshi
Supervisor:	Manny Alonzo
Division Branch:	Cleanup Cypress
Site Code:	401380
Assembly:	72
Senate:	34
Special Programs Code:	CLRRA Liability Immunity (AB 389)
Status:	Active
Status Date:	07/16/2007
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.74927 / -118.1078
APN:	NONE SPECIFIED
Past Use:	DISTRIBUTOR - CHEMICAL
Potential COC:	30001, 30013, 30192, 30484
Confirmed COC:	30001,30484
Potential Description:	SOIL
Alias Name:	Archstone/Oakwood Apartments
Alias Type:	Alternate Name
Alias Name:	110002718523
Alias Type:	EPA (FRS #)
Alias Name:	110033612393
Alias Type:	EPA (FRS #)
Alias Name:	401380
Alias Type:	Project Code (Site Code)
Alias Name:	60000680
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/04/2010
Comments:	Comleted.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	11/05/2007
Comments:	Anuual Cost Estimate letter was sent to the RPs.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate

EAVES SEAL BEACH (Continued) **S108649780**

Completed Date: 10/10/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/24/2007
Comments: DTSC Reviewed the Phase I & II Report. Further action is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/05/2011
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/09/2012
Comments: Complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/01/2012
Comments: GSUand HERO have no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 11/28/2012
Comments: DTSC comments sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 07/17/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/02/2014
Comments: Completed

EAVES SEAL BEACH (Continued) **S108649780**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/03/2014
Comments: DTSC made a program decision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 02/21/2014
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/27/2014
Comments: Fact sheet will be sent. Program decision was made on com profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 07/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/04/2009
Comments: other

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/20/2011
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/14/2010
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/31/2012
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/28/2009
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

EAVES SEAL BEACH (Continued) **S108649780**

Completed Date: 08/31/2010
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/29/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/13/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/07/2007
Comments: other

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/10/2011
Comments: other

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/02/2011
Comments: other

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/21/2008
Comments: other

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/28/2009
Comments: Annual Cost Estimation letter 2010 sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/09/2014
Comments: Completed

EAVES SEAL BEACH (Continued) **S108649780**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/16/2007
Comments: An AB 389 Agreement between DTSC and ASN Long Beach LLC, with Archstone Smith Operating Trust being the sole member (Archstone), was fully executed on 7/16/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/28/2008
Comments: Annual Cost estimate letter sent to the RPs.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Notice of Exemption
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Fact Sheets
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2015
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 60000680
Status: Active
Status Date: 07/16/2007
Site Code: 401380
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 13
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Nirupma Suryavanshi
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 72
Senate: 34
Special Program: CLRRA Liability Immunity (AB 389)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.74927
Longitude: -118.1078
APN: NONE SPECIFIED
Past Use: DISTRIBUTOR - CHEMICAL
Potential COC: Arsenic Lead 1,1-Dichloroethane Naphthalene

EAVES SEAL BEACH (Continued) **S108649780**

Confirmed COC: Arsenic Naphthalene
Potential Description: SOIL
Alias Name: Archstone/Oakwood Apartments
Alias Type: Alternate Name
Alias Name: 110002718523
Alias Type: EPA (FRS #)
Alias Name: 110033612393
Alias Type: EPA (FRS #)
Alias Name: 401380
Alias Type: Project Code (Site Code)
Alias Name: 60000680
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/04/2010
Comments: Comleted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/05/2007
Comments: Anuual Cost Estimate letter was sent to the RPs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/24/2007
Comments: DTSC Reviewed the Phase I & II Report. Further action is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/05/2011
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/09/2012
Comments: Complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

EAVES SEAL BEACH (Continued) **S108649780**

Completed Document Type: Monitoring Report
Completed Date: 01/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/01/2012
Comments: GSUand HERO have no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 11/28/2012
Comments: DTSC comments sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 07/17/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/02/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 06/03/2014
Comments: DTSC made a program decision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 02/21/2014
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/27/2014
Comments: Fact sheet will be sent. Program decision was made on com profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 07/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/04/2009
Comments: other

EAVES SEAL BEACH (Continued) **S108649780**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/20/2011
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/14/2010
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/31/2012
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/28/2009
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/31/2010
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/29/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/13/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/07/2007
Comments: other

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/10/2011
Comments: other

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report

EAVES SEAL BEACH (Continued) **S108649780**

Completed Date: 05/02/2011
Comments: other

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/21/2008
Comments: other

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/28/2009
Comments: Annual Cost Estimation letter 2010 sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/09/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/16/2007
Comments: An AB 389 Agreement between DTSC and ASN Long Beach LLC, with Archstone Smith Operating Trust being the sole member (Archstone), was fully executed on 7/16/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/28/2008
Comments: Annual Cost estimate letter sent to the RPs.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Notice of Exemption
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Fact Sheets
Future Due Date: 2015
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2015
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

EAVES SEAL BEACH (Continued) **S108649780**

Schedule Revised Date: Not reported

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114 South 1/2-1 0.605 mi. 3195 ft.

FRMR EXXONMOBIL SEAL BCH SEPARATION CTR
101 MARINA DRIVE
SEAL BEACH, CA 90740

CA Orange Co. Industrial Site **S108937382**
CA ENVIROSTOR **N/A**

Relative: Lower

Actual: 6 ft.

Orange Co. Industrial Site:
Case ID: 01IC012
Region: ORANGE
Record ID: RO0000032
Current Status: OPEN
Closure Type: Not reported
Released Chemical: FUEL WASTE; ORGANIC COMPOUNDS

ENVIROSTOR:
Facility ID: 30550002
Status: Refer: 1248 Local Agency
Status Date: 04/26/2001
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 67
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: UNOCAL STORAGE LEASE PROPERTIES
Alias Type: Alternate Name
Alias Name: 30550002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 04/28/2001
Comments: SB 1248 Orange County.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

FRMR EXXONMOBIL SEAL BCH SEPARATION CTR (Continued) **S108937382**

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

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115 North 1/2-1 0.712 mi. 3760 ft. **LA DEF AREA NIKE BATTERY 32** **CA ENVIROSTOR** **S109548245**
N/A

RANCHO LOS ALAMITOS, CA

Relative: Higher

Actual: 59 ft.

ENVIROSTOR:

Facility ID:	80000285
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
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
Assembly:	70
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.77638
Longitude:	-118.1083
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F548400
Alias Type:	Federal Facility ID
Alias Name:	J09CA0424
Alias Type:	INPR
Alias Name:	80000285
Alias Type:	Envirostor ID Number

Completed Info:

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

LA DEF AREA NIKE BATTERY 32 (Continued) **S109548245**

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

Q116
SE
1/2-1
0.773 mi.
4081 ft.

NAVAL MUNITIONS DEPOT **CA ENVIROSTOR** **S107736843**
N/A

SEAL BEACH, CA

Site 1 of 3 in cluster Q

Relative:
Higher

Actual:
31 ft.

ENVIROSTOR:

Facility ID:	80000834
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
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
Assembly:	72
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.75
Longitude:	-118.0916
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	Explosives (UXO, MEC
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F995500
Alias Type:	Federal Facility ID
Alias Name:	J09CA7132
Alias Type:	INPR
Alias Name:	80000834
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:	08/18/1998
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

NAVAL MUNITIONS DEPOT (Continued) **S107736843**

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

Q117
SE
1/2-1
0.773 mi.
4081 ft.

LONG BEACH AMMUNITION LOADING PIER **CA ENVIROSTOR** **S107736629**
N/A

LONG BEACH, CA

Site 2 of 3 in cluster Q

Relative:
Higher

Actual:
31 ft.

ENVIROSTOR:
Facility ID: 80001028
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
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
Assembly: 72
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.75
Longitude: -118.0916
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Long Beach Ammunition Loading Pier
Alias Type: Alternate Name
Alias Name: CA99799FA41900
Alias Type: Federal Facility ID
Alias Name: J09CA7392
Alias Type: INPR
Alias Name: 80001028
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: 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

LONG BEACH AMMUNITION LOADING PIER (Continued) **S107736629**

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

Q118
SE
1/2-1
0.773 mi.
4081 ft.

NWS SEAL BCH **CA ENVIROSTOR** **S107736936**
N/A

SEAL BEACH, CA

Site 3 of 3 in cluster Q

Relative:
Higher

Actual:
31 ft.

ENVIROSTOR:

Facility ID:	80000662
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
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
Assembly:	72
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.75
Longitude:	-118.0916
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F596000
Alias Type:	Federal Facility ID
Alias Name:	J09CA1065
Alias Type:	INPR
Alias Name:	80000662
Alias Type:	Envirostor ID Number

Completed Info:

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

NWS SEAL BCH (Continued) **S107736936**

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

R119
SE
1/2-1
0.909 mi.
4797 ft.

NAVAL WEAPONS STATION SEAL BEACH
800 SEAL BEACH BLVD CODE 045
SEAL BEACH, CA 90740

CA HAZNET **S112836375**
CA HWP **N/A**

Site 1 of 2 in cluster R

Relative:
Higher

Actual:
44 ft.

HAZNET:

envid: S112836375
Year: 2013
GEPAID: CA0170024491
Contact: Jeff McGovern
Telephone: 5626266070
Mailing Name: Not reported
Mailing Address: 800 SEAL BEACH BLVD B230 N45
Mailing City,St,Zip: SEAL BEACH, CA 907405000
Gen County: Orange
TSD EPA ID: TND000772186
TSD County: 99
Waste Category: Not reported
Disposal Method: Stabilization Or Chemical Fixation Prior To Disposal At Another Site
Tons: 0.052
Facility County: Not reported

envid: S112836375
Year: 2013
GEPAID: CA0170024491
Contact: Jeff McGovern
Telephone: 5626266070
Mailing Name: Not reported
Mailing Address: 800 SEAL BEACH BLVD B230 N45
Mailing City,St,Zip: SEAL BEACH, CA 907405000
Gen County: Orange
TSD EPA ID: CAD008364432
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: 0.044
Facility County: Not reported

envid: S112836375
Year: 2013
GEPAID: CA0170024491
Contact: Jeff McGovern
Telephone: 5626266070
Mailing Name: Not reported
Mailing Address: 800 SEAL BEACH BLVD B230 N45
Mailing City,St,Zip: SEAL BEACH, CA 907405000
Gen County: Orange
TSD EPA ID: TND000772186
TSD County: 99
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site

NAVAL WEAPONS STATION SEAL BEACH (Continued) **S112836375**

Tons:	0.0485
Facility County:	Not reported

envid:	S112836375
Year:	2013
GEPAID:	CA0170024491
Contact:	Jeff McGovern
Telephone:	5626266070
Mailing Name:	Not reported
Mailing Address:	800 SEAL BEACH BLVD B230 N45
Mailing City,St,Zip:	SEAL BEACH, CA 907405000
Gen County:	Orange
TSD EPA ID:	TND000772186
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0675
Facility County:	Not reported

envid:	S112836375
Year:	2013
GEPAID:	CA0170024491
Contact:	Jeff McGovern
Telephone:	5626266070
Mailing Name:	Not reported
Mailing Address:	800 SEAL BEACH BLVD B230 N45
Mailing City,St,Zip:	SEAL BEACH, CA 907405000
Gen County:	Orange
TSD EPA ID:	TND000772186
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.084
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
2058 additional CA_HAZNET: record(s) in the EDR Site Report.

HWP:

EPA Id:	CA0170024491
Cleanup Status:	CLOSED
Latitude:	33.74235
Longitude:	-118.0943
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	400136
Assembly District:	72
Senate District:	34
Public Information Officer:	Not reported

Activities:

EPA Id:	CA0170024491
Facility Type:	Historical - Non-Operating
Unit Names:	02(BLDG128) - Tank Storage (GPRA Unit)

NAVAL WEAPONS STATION SEAL BEACH (Continued) **S112836375**

Event Description: New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date: 04/16/1983

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 01(BLDG38)- Container Storage (GPRA Unit), 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 03/25/1986

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 05/16/1983

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 08/16/1988

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 01(BLDG38)- Container Storage (GPRA Unit), 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: Renewal - With Changes - CALL-IN LETTER ISSUED
Actual Date: 11/15/1990

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 08/19/1983

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 01(BLDG38)- Container Storage (GPRA Unit), 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date: 03/25/1986

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 03/07/1983

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (END)
Actual Date: 06/30/1983

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 02(BLDG128) - Tank Storage (GPRA Unit)

NAVAL WEAPONS STATION SEAL BEACH (Continued) **S112836375**

Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 08/19/1983

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 05/16/1983

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 01(BLDG38)- Container Storage (GPRA Unit), 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 03/25/1991

EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 09/02/1981

Closure:
EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Unit Names: 01(BLDG38)- Container Storage (GPRA Unit), 02(BLDG128) - Tank Storage (GPRA Unit)
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 05/07/2002

Alias:
EPA Id: CA0170024491
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 400136

R120 **NAVAL WEAPONS STATION SEAL BEACH** **RCRA-TSDF** **1015757242**
SE **800 SEAL BEACH BLVD** **CORRACTS** **CA0170024491**
1/2-1 **SEAL BEACH, CA 90740** **RCRA-LQG**
0.909 mi. **PADS**
4797 ft. **Site 2 of 2 in cluster R** **NY MANIFEST**
2020 COR ACTION

Relative:
Higher

Actual:
44 ft.

RCRA-TSDF:
Date form received by agency: 03/01/2014
Facility name: NAVAL WEAPONS STATION SEAL BEACH
Facility address: 800 SEAL BEACH BLVD
SEAL BEACH, CA 90740
EPA ID: CA0170024491
Mailing address: SEAL BEACH BLVD, B230
SEAL BEACH, CA 90740
Contact: JEFF MCGOVERN
Contact address: SEAL BEACH BLVD, B230
SEAL BEACH, CA 90740
Contact country: Not reported
Contact telephone: (562) 626-6070

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Telephone ext.:	6070
Contact email:	JEFF.MCGOVERN@NAVY.MIL
EPA Region:	09
Land type:	Federal
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:	US NAVY
Owner/operator address:	SEAL BEACH BLVD SEAL BEACH, CA 90740
Owner/operator country:	Not reported
Owner/operator telephone:	(562) 626-7776
Legal status:	Federal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1944
Owner/Op end date:	Not reported

Owner/operator name:	US NAVY
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Federal
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1944
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

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 11/05/2012
Site name: NAVAL WEAPONS STATION SEAL BEACH
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

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

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

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F002

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

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

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U188
. Waste name: PHENOL

Date form received by agency: 03/02/2010
Site name: NAVAL WEAPONS STATION SEAL BEACH
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D015
. Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D020
. Waste name: CHLORDANE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

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

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P105
. Waste name: SODIUM AZIDE

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P123
. Waste name: TOXAPHENE

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U031

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U036
. Waste name: 4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U138
. Waste name: METHANE, IODO- (OR) METHYL IODIDE

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U169
. Waste name: BENZENE, NITRO- (OR) NITROBENZENE (I,T)

. Waste code: U196
. Waste name: PYRIDINE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Date form received by agency: 02/28/2008
Site name: NAVAL WEAPONS STATION SEAL BEACH
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID,

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: LABP
. Waste name: LAB PACK

Date form received by agency: 02/28/2006
Site name: NAVAL WEAPONS STATION SEAL BEACH
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/01/2004
Site name: NAVAL WEAPONS STATION SEAL BEACH
Classification: Large Quantity Generator

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OFONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

Date form received by agency: 02/27/2002
Site name: USNAVY WEAPONS STATION SEAL BEACH
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: NAVAL WEAPONS STATION, SEAL BEACH
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: WEAPONS SUPPORT FACILITY, SEAL BEACH
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: USNAVY NAVAL WEAPONS STATION/SDF
Classification: Large Quantity Generator

Date form received by agency: 02/29/1996
Site name: USNAVY WEAPONS STATION
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Site name: USNAVY NAVAL WEAPONS STN SEAL BEACH
Classification: Large Quantity Generator

Date form received by agency: 02/25/1992
Site name: NAVAL WEAPONS STATION/SEAL BEACH
Classification: Large Quantity Generator

Date form received by agency: 04/23/1990
Site name: NAVAL WEAPONS STATION-SEAL BEACH
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Site name: USNAVY NAVAL WEAPONS STATION/SDF

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Classification: Large Quantity Generator

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 PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 6411

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): 849

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): 7

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 98

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 15518

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 35587

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 53064

Waste code: D008
Waste name: LEAD
Amount (Lbs): 36008

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 51

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 7365

Waste code: D011
Waste name: SILVER
Amount (Lbs): 7638

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 6668

Waste code: D027
Waste name: 1,4-DICHLOROBENZENE
Amount (Lbs): 3

Waste code: D028
Waste name: 1,2-DICHLOROETHANE
Amount (Lbs): 3

Waste code: D029
Waste name: 1,1-DICHLOROETHYLENE
Amount (Lbs): 3

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 45

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 13446

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 13446

Waste code: F004
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 31

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 13446

Waste code: P098
Waste name: POTASSIUM CYANIDE
Amount (Lbs): 2

Waste code: U002
Waste name: ACETONE (I)
Amount (Lbs): 6

Waste code: U188
Waste name: PHENOL
Amount (Lbs): 3

Corrective Action Summary:
Event date: 06/01/1987
Event: CA029ST

Event date: 06/01/1987
Event: CA049PA

Event date: 03/30/1989
Event: RFA Determination Of Need For An RFI, RFI is Necessary;

Event date: 03/30/1989
Event: RFA Completed

Event date: 03/30/1989
Event: RFA Completed, Assessment was an RFA.

Event date: 06/14/1990
Event: CA049SI

Event date: 09/24/1991
Event: RFI Imposition

Event date: 09/24/1991
Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).

Event date: 09/24/1991
Event: CMS Imposition

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Event date: 01/14/1993
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event date: 04/08/1993
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: 04/08/1993
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: 08/03/1993
Event: CMS Workplan Approved

Event date: 08/03/1993
Event: RFI Workplan Approved

Event date: 05/01/1998
Event: Stabilization Construction Completed

Event date: 06/04/1998
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 06/04/1998
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

Event date: 06/04/1998
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

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: 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.

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Event date: 11/08/2004
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: 11/08/2004
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: 07/24/2008
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: 07/24/2008
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.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/11/2010
Date achieved compliance: 03/23/2010
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

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 05/11/2000
Date achieved compliance: 06/08/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2000
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: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 08/27/1997
Date achieved compliance: 08/27/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 08/27/1997
Date achieved compliance: 11/20/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 09/09/1996
Date achieved compliance: 10/15/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/09/1996
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 - 262.30-34.C

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Area of violation: Generators - General
Date violation determined: 09/09/1996
Date achieved compliance: 10/15/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/09/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 11/29/1995
Date achieved compliance: 11/29/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/29/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 06/19/1995
Date achieved compliance: 06/19/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/29/1994
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 - 262.10-12.A
Area of violation: Generators - General

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/28/1994
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 - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1994
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/29/1994
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 - 262.50-60
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/28/1994
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 - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/29/1994
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 - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 01/28/1994

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 04/29/1994
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 - 262.50-60
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1994
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/29/1994
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 - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1994
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/29/1994
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 - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/28/1994
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 - 262.50-60
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1994

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 04/29/1994
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 - 268.7
Area of violation: LDR - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/28/1994
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 - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/28/1994
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 - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1994
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 04/29/1994
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 - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/29/1994
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 - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/28/1994
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 - 268.7
Area of violation: LDR - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 04/29/1994
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 - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1994
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 04/29/1994
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 - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Enforcement action date: 01/28/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/29/1994
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 04/29/1994
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 - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 01/28/1994
Date achieved compliance: 06/30/1995
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 04/29/1994
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: 01/29/1992
Date achieved compliance: 08/24/1994
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/30/1992

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

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: 01/29/1992
Date achieved compliance: 08/24/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/29/1992
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: 01/29/1992
Date achieved compliance: 08/24/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/29/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/29/1992
Date achieved compliance: 08/24/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/29/1992
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: 01/29/1992
Date achieved compliance: 08/24/1994
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/30/1992
Enf. disposition status: Not reported

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 01/29/1992
Date achieved compliance: 08/24/1994
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/30/1992
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: 02/25/1991
Date achieved compliance: 06/06/1991
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/06/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 12/05/1989
Date achieved compliance: 04/15/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/10/1990
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 - 268 ALL
Area of violation: LDR - General
Date violation determined: 12/05/1989
Date achieved compliance: 04/15/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/10/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Enforcement lead agency: EPA
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: 12/05/1989
Date achieved compliance: 04/15/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/10/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 03/31/1988
Date achieved compliance: 10/21/1988
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/31/1988
Date achieved compliance: 10/21/1988
Violation lead agency: EPA
Enforcement action: STATE TO EPA ADMINISTRATIVE REFERRAL
Enforcement action date: 06/16/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/31/1988
Date achieved compliance: 10/21/1988
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/20/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

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: 06/19/1987
Date achieved compliance: 09/14/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/11/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/11/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/11/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/23/2010
Evaluation lead agency: State

Evaluation date: 11/03/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/31/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/24/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/07/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/11/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Area of violation: TSD - General Facility Standards
Date achieved compliance: 06/08/2000
Evaluation lead agency: State

Evaluation date: 01/26/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/26/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/27/1997
Evaluation lead agency: State

Evaluation date: 08/26/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/20/1997
Evaluation lead agency: State

Evaluation date: 03/25/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/09/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/15/1996
Evaluation lead agency: State

Evaluation date: 09/09/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/15/1996
Evaluation lead agency: State

Evaluation date: 04/26/1996
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/22/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Evaluation date: 11/29/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/29/1995
Evaluation lead agency: State

Evaluation date: 06/19/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/19/1995
Evaluation lead agency: State

Evaluation date: 08/16/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/15/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/30/1995
Evaluation lead agency: State

Evaluation date: 12/15/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/30/1995
Evaluation lead agency: State

Evaluation date: 12/15/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/30/1994
Evaluation lead agency: State

Evaluation date: 12/15/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 06/30/1995
Evaluation lead agency: State

Evaluation date: 11/24/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/17/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/24/1994
Evaluation lead agency: State

Evaluation date: 12/17/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Date achieved compliance: 08/24/1994
Evaluation lead agency: State

Evaluation date: 02/25/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/06/1991
Evaluation lead agency: EPA

Evaluation date: 12/05/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/15/1990
Evaluation lead agency: EPA

Evaluation date: 12/05/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/15/1990
Evaluation lead agency: EPA

Evaluation date: 03/31/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/21/1988
Evaluation lead agency: EPA

Evaluation date: 06/19/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/14/1987
Evaluation lead agency: State

CORRACTS:

EPA ID: CA0170024491
EPA Region: 09
Area Name: OPERABLE UNIT 5
Actual Date: 19980501
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09
Area Name: OPERABLE UNIT 1
Actual Date: 19930803
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Area Name: OPERABLE UNIT 1
Actual Date: 19930803
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930408
Action: CA225NR - 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
NAICS Code(s): 92811
National Security
Original schedule date: 19930408
Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20041108
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 92811
National Security
Original schedule date: 20041108
Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20010309
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control
NAICS Code(s): 92811
National Security
Original schedule date: 20010309
Schedule end date: Not reported

EPA ID: CA0170024491
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): 92811
National Security
Original schedule date: 20010309

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09
Area Name: OPERABLE UNIT 5
Actual Date: 20080724
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20080724
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 92811
National Security
Original schedule date: 20080724
Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09
Area Name: OPERABLE UNIT 1
Actual Date: 20080724
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09
Area Name: OPERABLE UNIT 5
Actual Date: 19910924
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 92811
National Security
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA0170024491
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19890330
Action: CA050 - RFA Completed
NAICS Code(s): 92811
National Security
Original schedule date: 19890330
Schedule end date: Not reported

EPA ID: CA0170024491

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	19890330
Action:	CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s):	92811 National Security
Original schedule date:	19890330
Schedule end date:	Not reported

PADS:

EPAID:	CA0170024491
Facility name:	SEAL BEACH NAVAL WEAPONS STN
Facility Address:	CODE 0923 SEAL BEACH, CA 90740
Facility country:	US
Generator:	Yes
Storer:	No
Transporter:	No
Disposer:	No
Research facility:	No
Smelter:	No
Facility owner name:	US NAVY
Contact title:	Not reported
Contact name:	VANCLEEF BEVERLEY
Contact tel:	(213)594-7655
Contact extension:	Not reported
Mailing address:	CODE 0923 SEAL BEACH, CA 90740
Mailing country:	US
Cert. title:	Not reported
Cert. name:	Not reported
Cert. date:	04/03/1990
Date received:	04/04/1990

NY MANIFEST:

EPA ID:	CA0170024491
Country:	USA
Location Address 1:	NAVAL WEAPONS STA CTR
Location Address 2:	Not reported
Location City:	SEAL BEACH
Location State:	CA
Location Zip Code:	90740
Location Zip Code 4:	Not reported

Mailing Info:

Name:	UNITED STATES MILITARY
Contact:	LARRY LAITY
Address:	NAVAL WEAPONS STA CTR
City/State/Zip:	SEAL BEACH CODE 0923, CA 90740
Country:	USA
Phone:	000-000-0000

Manifest:

Document ID:	NYB4498686
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC

NAVAL WEAPONS STATION SEAL BEACH (Continued) **1015757242**

Trans1 State ID:	ILS09919S
Trans2 State ID:	Not reported
Generator Ship Date:	03/18/1992
Trans1 Recv Date:	03/18/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/27/1992
Part A Recv Date:	05/22/1992
Part B Recv Date:	06/08/1992
Generator EPA ID:	CA0170024491
Trans1 EPA ID:	ILD099202681
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00231
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00770
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	1992

2020 COR ACTION:

EPA ID:	CA0170024491
Region:	9
Action:	Not reported

121
ESE
1/2-1
0.914 mi.
4826 ft.

NWS SEAL BEACH **FUDS** **1008196536**
LUCIS **N/A**
, CA

Relative:
Higher

Actual:
14 ft.

FUDS:

Federal Facility ID:	CA9799F5960
FUDS #:	J09CA1065
INST ID:	61337
Facility Name:	NWS SEAL BEACH
City:	SEAL BEACH
State:	CA
EPA Region:	09
County:	ORANGE
Congressional District:	46
US Army District:	Los Angeles District (SPL)
Fiscal Year:	2012
Telephone:	213-452-3920
NPL Status:	Not Listed
RAB:	Not reported
CTC:	81.29999
Current Owner:	Private Sector
Current Prog:	Not reported

NWS SEAL BEACH (Continued) **1008196536**

Future Prog: Not reported
Acreage: Not reported
Description: 4889.12 ACRES
History: SEAL BEACH NAVAL WEAPONS STATION
Latitude: 33.72909899999
Longitude: -118.075996
Site Name: SITE 00070
Site Description: RESEARCH TESTING AND EVA
Facility Status: CA
Owner Name: FACILITY ENGINEERING COMMAND, SOUTHWEST
Program Name: Not reported
UIC number: N60701
Environment Zone Id Number: N60701_000003
Environment Zone Description: IR SITE 0070
Type Of Environmental Zone: Land use control zone
Land Use Control Description: Not reported
Restriction Type: GROUNDWATER
Restriction Type Defition: Groundwater use restricted
Start Date Of Restriction: 12/21/2006
Restriction Comments: Not reported
LUC Status: Original Plan
LUC Status Date: 10/4/2011
DOD Cmd: SOUTHWEST

Site Name: SITE 00040
Site Description: CONCRETE PIT/GRAVEL AREA
Facility Status: CA
Owner Name: FACILITY ENGINEERING COMMAND, SOUTHWEST
Program Name: Not reported
UIC number: N60701
Environment Zone Id Number: N60701_000002
Environment Zone Description: IR SITE 0040
Type Of Environmental Zone: Land use control zone
Land Use Control Description: Not reported
Restriction Type: GROUNDWATER
Restriction Type Defition: Groundwater use restricted
Start Date Of Restriction: 5/31/2004
Restriction Comments: Not reported
LUC Status: Original Plan
LUC Status Date: 10/4/2011
DOD Cmd: SOUTHWEST

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122 **US NAVAL HOSPITAL** **CA ENVIROSTOR** **S107737503**
NW **N/A**
1/2-1 **LONG BEACH, CA**
0.920 mi.
4860 ft.

Relative:
Higher

Actual:
78 ft.

ENVIROSTOR:
Facility ID: 80000830
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP

US NAVAL HOSPITAL (Continued) **S107737503**

Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	70
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.77638
Longitude:	-118.12
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F995100
Alias Type:	Federal Facility ID
Alias Name:	J09CA7128
Alias Type:	INPR
Alias Name:	80000830
Alias Type:	Envirostor ID Number

Completed Info:

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

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LONG BEACH	S107539816		ON EAST MARINA @ 2ND ST	90803	CA CDL
LONG BEACH	S107535929		710 FREEWAY & PACIFIC COAST HW		CA CDL
LOS ANGELES COUNTY	S107531769		250TH ST E, 1/2 MI N OF AVE J,		CA CDL
SEAL BEACH	1003878683	DOW CHEMICAL CO SEAL BEACH PLT	PACIFIC COAST HWY	90740	CERC-NFRAP

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: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
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: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/20/2015
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 04/02/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	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: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 04/08/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/20/2015
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 04/02/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

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: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
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: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
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: 12/03/2014
Date Data Arrived at EDR: 12/12/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
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: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 37

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes 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: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/16/2015
Date Data Arrived at EDR: 02/17/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/17/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 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
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 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
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
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
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

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: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
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
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

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: 01/28/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/10/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 31

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 32

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
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: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

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: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

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: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/29/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/13/2015
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: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2014
Date Data Arrived at EDR: 12/22/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/24/2015
Next Scheduled EDR Contact: 07/06/2015
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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 12/01/2014
Date Data Arrived at EDR: 12/01/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 53

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
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: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

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: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: No Update Planned

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.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
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: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
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: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 04/27/2015
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: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
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: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

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: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
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: 12/29/2014
Date Data Arrived at EDR: 12/30/2014
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 69

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/28/2015
Next Scheduled EDR Contact: 05/11/2015
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: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
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: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
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: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
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.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 24

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
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: 02/27/2015
Next Scheduled EDR Contact: 06/08/2015
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: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 06/15/2015
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: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Every 4 Years

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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 04/27/2015
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: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/16/2015
Next Scheduled EDR Contact: 04/27/2015
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: 12/29/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 21

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
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: 02/27/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 02/27/2015
Next Scheduled EDR Contact: 04/20/2015
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: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
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.

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: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
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

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/20/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 03/12/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 36

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
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: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
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
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
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: 01/26/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/16/2015
Next Scheduled EDR Contact: 04/27/2015
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: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
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
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
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
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/18/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: N/A

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/20/2015
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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
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
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 25

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

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: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

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: 01/16/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
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: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
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: 01/12/2015
Date Data Arrived at EDR: 01/13/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/13/2015
Next Scheduled EDR Contact: 04/27/2015
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.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 11

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 7

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/05/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 5

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
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: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 7

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/24/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
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: 12/31/2014
Date Data Arrived at EDR: 01/16/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 20

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/06/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 02/10/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 19

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/19/2014
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 05/25/2015
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: 11/21/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/30/2014
Number of Days to Update: 35

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
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: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/19/2015
Date Data Arrived at EDR: 01/20/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 16

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/20/2015
Next Scheduled EDR Contact: 05/04/2015
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: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/20/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 05/04/2015
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: 01/29/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 13

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 12

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
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: 03/20/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 7

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/06/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 03/06/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 4

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/19/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
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: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/12/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 02/06/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 13

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
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: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 33

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 01/07/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 27

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
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: 11/03/2014
Date Data Arrived at EDR: 01/09/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 25

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
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: 03/02/2015
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
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: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
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: 03/24/2015
Date Data Arrived at EDR: 03/25/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 6

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/09/2015
Date Data Arrived at EDR: 01/12/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 22

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/16/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 7

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 8

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/31/2014
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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: 03/13/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 5

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 01/06/2015
Date Data Arrived at EDR: 01/09/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 27

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/02/2015
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 28

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/03/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 24

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 01/27/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 12

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
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
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/20/2015
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
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 32

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 02/27/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/18/2014
Date Data Arrived at EDR: 12/23/2014
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 35

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 12

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 05/18/2015
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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

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: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 02/04/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/04/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
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.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, 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, 2005 and 2010 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

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

160-ACRE SITE
PACIFIC COAST HIGHWAY/E 2ND STREET
LONG BEACH, CA 90803

TARGET PROPERTY COORDINATES

Latitude (North):	33.7613 - 33˚ 45' 40.68''
Longitude (West):	118.1079 - 118˚ 6' 28.44''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	397397.8
UTM Y (Meters):	3736047.5
Elevation:	13 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33118-G1 LOS ALAMITOS, CA
Most Recent Revision:	1981
South Map:	33118-F1 SEAL BEACH, CA
Most Recent Revision:	1981
West Map:	33118-G2 LONG BEACH (DIGITAL), CA
Most Recent Revision:	1964

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).

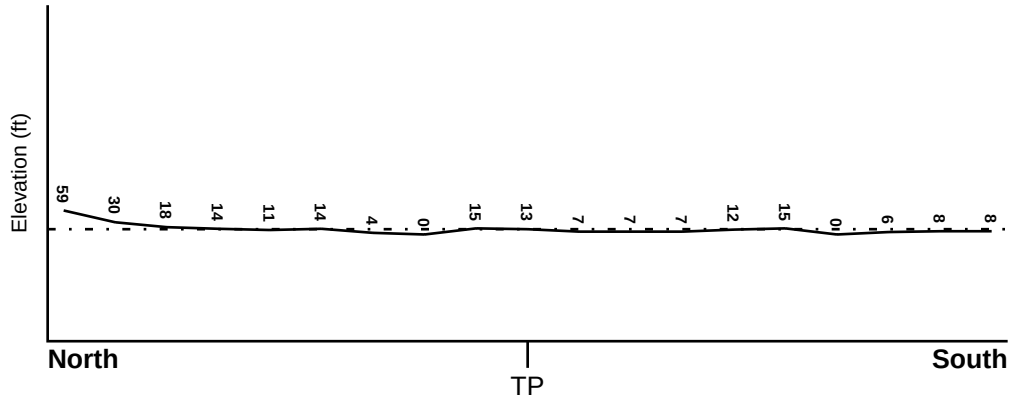
TOPOGRAPHIC INFORMATION

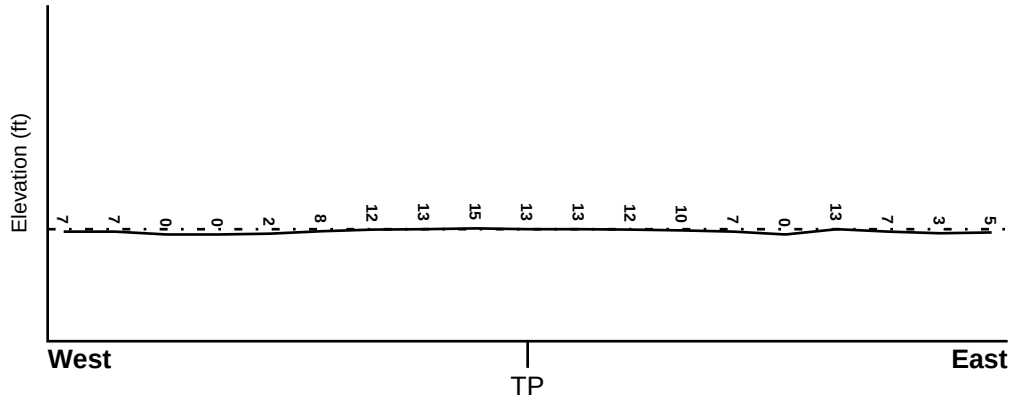
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 13 ft.

0 1/2 1 Miles

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

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	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:	06059C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LOS ALAMITOS	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/2 - 1 Mile South	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	URBAN LAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types: fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types: stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	USGS40000138076	1/2 - 1 Mile North
A5	USGS40000138016	1/2 - 1 Mile NE
A6	USGS40000138015	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	CADW50000003115	1/2 - 1 Mile NE
A3	CADW50000003116	1/2 - 1 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAOG9A000010978	0 - 1/8 Mile SSE
A2	CAOG9A000011048	0 - 1/8 Mile WNW
A3	CAOG9A000011173	0 - 1/8 Mile NNE
A4	CAOG9A000011024	0 - 1/8 Mile East
B5	CAOG9A000011263	0 - 1/8 Mile NNW
C6	CAOG9A000011062	0 - 1/8 Mile WNW
D7	CAOG9A000010610	0 - 1/8 Mile South
E8	CAOG9A000010846	0 - 1/8 Mile WSW
F9	CAOG9A000010796	0 - 1/8 Mile SE
F10	CAOG9A000010828	0 - 1/8 Mile SE
D11	CAOG9A000010559	0 - 1/8 Mile South

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D12	CAOG9A000010487	0 - 1/8 Mile South
G13	CAOG9A000010984	1/8 - 1/4 Mile East
D14	CAOG9A000010551	1/8 - 1/4 Mile SSW
B15	CAOG9A000011386	1/8 - 1/4 Mile NNW
G16	CAOG9A000010979	1/8 - 1/4 Mile East
C17	CAOG9A000011324	1/8 - 1/4 Mile NW
C18	CAOG9A000011169	1/8 - 1/4 Mile WNW
F19	CAOG9A000010481	1/8 - 1/4 Mile SSE
G20	CAOG9A000010983	1/8 - 1/4 Mile East
H21	CAOG9A000010378	1/8 - 1/4 Mile SSW
H22	CAOG9A000010286	1/8 - 1/4 Mile SSW
E23	CAOG9A000010776	1/8 - 1/4 Mile WSW
I24	CAOG9A000011518	1/8 - 1/4 Mile NNW
J25	CAOG9A000010148	1/8 - 1/4 Mile South
J26	CAOG9A000010147	1/8 - 1/4 Mile South
K27	CAOG9A000011066	1/8 - 1/4 Mile West
L28	CAOG9A000010783	1/8 - 1/4 Mile ESE
K29	CAOG9A000010933	1/8 - 1/4 Mile West
I30	CAOG9A000011457	1/8 - 1/4 Mile NW
J31	CAOG9A000010143	1/8 - 1/4 Mile SSE
I32	CAOG9A000011538	1/8 - 1/4 Mile NW
K33	CAOG9A000011088	1/8 - 1/4 Mile West
J34	CAOG9A000010092	1/8 - 1/4 Mile SSE
M35	CAOG9A000011438	1/8 - 1/4 Mile NW
M36	CAOG9A000011445	1/8 - 1/4 Mile NW
L37	CAOG9A000010380	1/8 - 1/4 Mile SE
K38	CAOG9A000010902	1/8 - 1/4 Mile West
N39	CAOG9A000010419	1/8 - 1/4 Mile SW
M40	CAOG9A000011362	1/8 - 1/4 Mile WNW
N41	CAOG9A000010538	1/8 - 1/4 Mile WSW
N42	CAOG9A000010185	1/8 - 1/4 Mile SW
J43	CAOG9A000009992	1/8 - 1/4 Mile South
O44	CAOG9A000010863	1/8 - 1/4 Mile WSW
N45	CAOG9A000010586	1/8 - 1/4 Mile WSW
P46	CAOG9A000010003	1/4 - 1/2 Mile SSW
M47	CAOG9A000011508	1/4 - 1/2 Mile NW
M48	CAOG9A000011495	1/4 - 1/2 Mile NW
49	CAOG9A000011151	1/4 - 1/2 Mile East
P50	CAOG9A000009951	1/4 - 1/2 Mile SSW
Q51	CAOG9A000010107	1/4 - 1/2 Mile SE
R52	CAOG9A000009922	1/4 - 1/2 Mile SSE
R53	CAOG9A000009982	1/4 - 1/2 Mile SSE
O54	CAOG9A000011008	1/4 - 1/2 Mile West
O55	CAOG9A000010942	1/4 - 1/2 Mile West
S56	CAOG9A000011051	1/4 - 1/2 Mile West
S57	CAOG9A000011083	1/4 - 1/2 Mile West
T58	CAOG9A000009946	1/4 - 1/2 Mile SSE
59	CAOG9A000011349	1/4 - 1/2 Mile WNW
U60	CAOG9A000010608	1/4 - 1/2 Mile ESE
S61	CAOG9A000011170	1/4 - 1/2 Mile West
V62	CAOG9A000010325	1/4 - 1/2 Mile WSW
Q63	CAOG9A000009985	1/4 - 1/2 Mile SE
V64	CAOG9A000010278	1/4 - 1/2 Mile WSW
V65	CAOG9A000010191	1/4 - 1/2 Mile WSW
T66	CAOG9A000009884	1/4 - 1/2 Mile SSE
W67	CAOG9A000009976	1/4 - 1/2 Mile SW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
S68	CAOG9A000011098	1/4 - 1/2 Mile West
Q69	CAOG9A000010050	1/4 - 1/2 Mile SE
V70	CAOG9A000010477	1/4 - 1/2 Mile WSW
Q71	CAOG9A000010072	1/4 - 1/2 Mile SE
S72	CAOG9A000011182	1/4 - 1/2 Mile West
X73	CAOG9A000009774	1/4 - 1/2 Mile South
V74	CAOG9A000010036	1/4 - 1/2 Mile SW
U75	CAOG9A000010172	1/4 - 1/2 Mile ESE
X76	CAOG9A000009766	1/4 - 1/2 Mile South
V77	CAOG9A000010604	1/4 - 1/2 Mile WSW
W78	CAOG9A000009875	1/4 - 1/2 Mile SSW
S79	CAOG9A000011200	1/4 - 1/2 Mile West
V80	CAOG9A000010353	1/4 - 1/2 Mile WSW
W81	CAOG9A000009822	1/4 - 1/2 Mile SSW
S82	CAOG9A000011159	1/4 - 1/2 Mile West
T83	CAOG9A000009794	1/4 - 1/2 Mile SSE
Y84	CAOG9A000010616	1/4 - 1/2 Mile WSW
Z85	CAOG9A000009805	1/4 - 1/2 Mile SSW
T86	CAOG9A000009855	1/4 - 1/2 Mile SE
AA87	CAOG9A000009734	1/4 - 1/2 Mile South
Y88	CAOG9A000010781	1/4 - 1/2 Mile WSW
AB89	CAOG9A000011603	1/4 - 1/2 Mile WNW
AB90	CAOG9A000011572	1/4 - 1/2 Mile WNW
Y91	CAOG9A000010943	1/4 - 1/2 Mile West
AC92	CAOG9A000009926	1/4 - 1/2 Mile SE
T93	CAOG9A000009811	1/4 - 1/2 Mile SSE
Y94	CAOG9A000010915	1/4 - 1/2 Mile West
AD95	CAOG9A000010959	1/4 - 1/2 Mile West
AE96	CAOG9A000011966	1/4 - 1/2 Mile NW
AC97	CAOG9A000009959	1/4 - 1/2 Mile SE
AC98	CAOG9A000009882	1/4 - 1/2 Mile SE
AA99	CAOG9A000009714	1/4 - 1/2 Mile SSE
AD100	CAOG9A000010955	1/4 - 1/2 Mile West
Y101	CAOG9A000010785	1/4 - 1/2 Mile WSW
AC102	CAOG9A000009938	1/4 - 1/2 Mile SE
Z103	CAOG9A000009721	1/4 - 1/2 Mile SSW
AC104	CAOG9A000009987	1/4 - 1/2 Mile SE
AF105	CAOG9A000011367	1/4 - 1/2 Mile WNW
106	CAOG9A000010233	1/4 - 1/2 Mile ESE
AB107	CAOG9A000011420	1/4 - 1/2 Mile WNW
AG108	CAOG9A000009709	1/4 - 1/2 Mile SSE
AG109	CAOG9A000009753	1/4 - 1/2 Mile SSE
AF110	CAOG9A000011399	1/4 - 1/2 Mile WNW
111	CAOG9A000009673	1/4 - 1/2 Mile SSW
AF112	CAOG9A000011377	1/4 - 1/2 Mile WNW
AC113	CAOG9A000009789	1/4 - 1/2 Mile SE
AD114	CAOG9A000010994	1/4 - 1/2 Mile West
AH115	CAOG9A000009848	1/4 - 1/2 Mile SW
AH116	CAOG9A000009990	1/4 - 1/2 Mile SW
AE117	CAOG9A000012105	1/4 - 1/2 Mile NNW
AI118	CAOG9A000010013	1/4 - 1/2 Mile WSW
AG119	CAOG9A000009667	1/4 - 1/2 Mile SSE
AG120	CAOG9A000009710	1/4 - 1/2 Mile SSE
AJ121	CAOG9A000009978	1/4 - 1/2 Mile SE
AF122	CAOG9A000011172	1/4 - 1/2 Mile West
AI123	CAOG9A000010085	1/4 - 1/2 Mile WSW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AF124	CAOG9A000011215	1/4 - 1/2 Mile West
AG125	CAOG9A000009628	1/4 - 1/2 Mile SSE
AD126	CAOG9A000010989	1/4 - 1/2 Mile West
AC127	CAOG9A000009767	1/4 - 1/2 Mile SE
128	CAOG9A000010319	1/4 - 1/2 Mile WSW
AG129	CAOG9A000009661	1/4 - 1/2 Mile SSE
AK130	CAOG9A000011194	1/4 - 1/2 Mile West
AG131	CAOG9A000009599	1/4 - 1/2 Mile SSE
AL132	CAOG9A000009750	1/4 - 1/2 Mile SE
AL133	CAOG9A000009706	1/4 - 1/2 Mile SE
AM134	CAOG9A000011730	1/4 - 1/2 Mile WNW
AL135	CAOG9A000009683	1/4 - 1/2 Mile SSE
AN136	CAOG9A000011951	1/4 - 1/2 Mile NW
AJ137	CAOG9A000009819	1/4 - 1/2 Mile SE
AL138	CAOG9A000009724	1/4 - 1/2 Mile SE
139	CAOG9A000009587	1/4 - 1/2 Mile SSW
AL140	CAOG9A000009677	1/4 - 1/2 Mile SSE
AN141	CAOG9A000011993	1/4 - 1/2 Mile NW
AN142	CAOG9A000011984	1/4 - 1/2 Mile NW
AN143	CAOG9A000011989	1/4 - 1/2 Mile NW
AK144	CAOG9A000011167	1/4 - 1/2 Mile West
AJ145	CAOG9A000009998	1/4 - 1/2 Mile ESE
AN146	CAOG9A000012043	1/4 - 1/2 Mile NW
AO147	CAOG9A000010756	1/4 - 1/2 Mile West
AJ148	CAOG9A000009788	1/4 - 1/2 Mile SE
AP149	CAOG9A000011485	1/4 - 1/2 Mile WNW
AL150	CAOG9A000009701	1/4 - 1/2 Mile SE
AK151	CAOG9A000011163	1/4 - 1/2 Mile West
AJ152	CAOG9A000009887	1/4 - 1/2 Mile SE
AM153	CAOG9A000011537	1/4 - 1/2 Mile WNW
AP154	CAOG9A000011528	1/2 - 1 Mile WNW
AQ155	CAOG9A000009598	1/2 - 1 Mile SSE
AP156	CAOG9A000011555	1/2 - 1 Mile WNW
AQ157	CAOG9A000009529	1/2 - 1 Mile SSE
AO158	CAOG9A000010903	1/2 - 1 Mile West
AR159	CAOG9A000010950	1/2 - 1 Mile West
AS160	CAOG9A000009521	1/2 - 1 Mile SSE
AT161	CAOG9A000012108	1/2 - 1 Mile NW
AT162	CAOG9A000012119	1/2 - 1 Mile NW
AT163	CAOG9A000012134	1/2 - 1 Mile NW
AT164	CAOG9A000012122	1/2 - 1 Mile NW
165	CAOG9A000011425	1/2 - 1 Mile WNW
AR166	CAOG9A000011069	1/2 - 1 Mile West
AU167	CAOG9A000009572	1/2 - 1 Mile SE
AV168	CAOG9A000009810	1/2 - 1 Mile ESE
AV169	CAOG9A000009764	1/2 - 1 Mile SE
AU170	CAOG9A000009524	1/2 - 1 Mile SSE
AW171	CAOG9A000009651	1/2 - 1 Mile SE
AU172	CAOG9A000009544	1/2 - 1 Mile SE
AW173	CAOG9A000009686	1/2 - 1 Mile SE
AV174	CAOG9A000009942	1/2 - 1 Mile ESE
AS175	CAOG9A000009372	1/2 - 1 Mile SSE
176	CAOG9A000011847	1/2 - 1 Mile WNW
AX177	CAOG9A000009388	1/2 - 1 Mile SSE
AX178	CAOG9A000009382	1/2 - 1 Mile SSE
AX179	CAOG9A000009514	1/2 - 1 Mile SSE

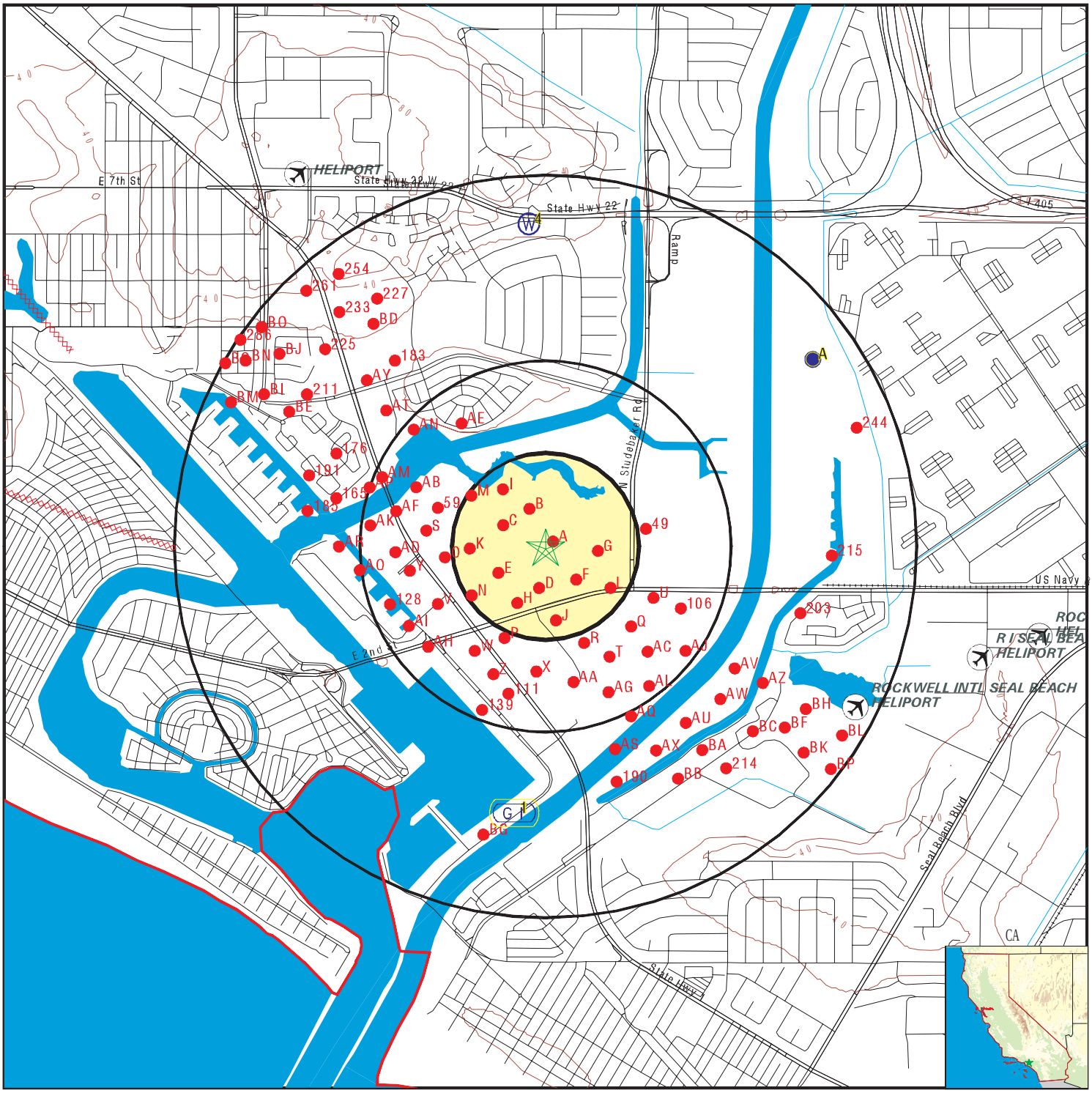
STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AX180	CAOG9A000009492	1/2 - 1 Mile SSE
AU181	CAOG9A000009527	1/2 - 1 Mile SE
AU182	CAOG9A000009563	1/2 - 1 Mile SE
183	CAOG9A000012406	1/2 - 1 Mile NW
AW184	CAOG9A000009641	1/2 - 1 Mile SE
185	CAOG9A000011313	1/2 - 1 Mile West
AV186	CAOG9A000009680	1/2 - 1 Mile SE
AY187	CAOG9A000012322	1/2 - 1 Mile NW
AY188	CAOG9A000012303	1/2 - 1 Mile NW
AW189	CAOG9A000009594	1/2 - 1 Mile SE
190	CAOG9A000009126	1/2 - 1 Mile SSE
191	CAOG9A000011664	1/2 - 1 Mile WNW
AZ192	CAOG9A000009712	1/2 - 1 Mile SE
BA193	CAOG9A000009471	1/2 - 1 Mile SE
AZ194	CAOG9A000009790	1/2 - 1 Mile ESE
BA195	CAOG9A000009404	1/2 - 1 Mile SE
BA196	CAOG9A000009315	1/2 - 1 Mile SSE
BA197	CAOG9A000009511	1/2 - 1 Mile SE
BA198	CAOG9A000009445	1/2 - 1 Mile SE
BB199	CAOG9A000009248	1/2 - 1 Mile SSE
BA200	CAOG9A000009519	1/2 - 1 Mile SE
BB201	CAOG9A000009220	1/2 - 1 Mile SSE
BC202	CAOG9A000009528	1/2 - 1 Mile SE
203	CAOG9A000010160	1/2 - 1 Mile ESE
BC204	CAOG9A000009532	1/2 - 1 Mile SE
BB205	CAOG9A000009096	1/2 - 1 Mile SSE
AZ206	CAOG9A000009657	1/2 - 1 Mile SE
BC207	CAOG9A000009538	1/2 - 1 Mile SE
BD208	CAOG9A000012634	1/2 - 1 Mile NW
BE209	CAOG9A000012049	1/2 - 1 Mile WNW
BE210	CAOG9A000012067	1/2 - 1 Mile WNW
211	CAOG9A000012217	1/2 - 1 Mile WNW
BB212	CAOG9A000009094	1/2 - 1 Mile SSE
BD213	CAOG9A000012745	1/2 - 1 Mile NW
214	CAOG9A000009304	1/2 - 1 Mile SE
215	CAOG9A000010951	1/2 - 1 Mile East
BC216	CAOG9A000009520	1/2 - 1 Mile SE
BE217	CAOG9A000012150	1/2 - 1 Mile WNW
BC218	CAOG9A000009522	1/2 - 1 Mile SE
BC219	CAOG9A000009523	1/2 - 1 Mile SE
BF220	CAOG9A000009549	1/2 - 1 Mile SE
BE221	CAOG9A000012184	1/2 - 1 Mile WNW
BG222	CAOG9A000009034	1/2 - 1 Mile SSW
BF223	CAOG9A000009581	1/2 - 1 Mile SE
BG224	CAOG9A000009033	1/2 - 1 Mile SSW
225	CAOG9A000012463	1/2 - 1 Mile NW
BH226	CAOG9A000009659	1/2 - 1 Mile ESE
227	CAOG9A000012948	1/2 - 1 Mile NW
BF228	CAOG9A000009545	1/2 - 1 Mile SE
BE229	CAOG9A000012092	1/2 - 1 Mile WNW
BF230	CAOG9A000009509	1/2 - 1 Mile SE
BF231	CAOG9A000009518	1/2 - 1 Mile SE
BI232	CAOG9A000012180	1/2 - 1 Mile WNW
233	CAOG9A000012815	1/2 - 1 Mile NW
BJ234	CAOG9A000012353	1/2 - 1 Mile NW
BH235	CAOG9A000009537	1/2 - 1 Mile SE

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BK236	CAOG9A000009512	1/2 - 1 Mile SE
BI237	CAOG9A000012198	1/2 - 1 Mile WNW
BI238	CAOG9A000012330	1/2 - 1 Mile WNW
BK239	CAOG9A000009358	1/2 - 1 Mile SE
BK240	CAOG9A000009525	1/2 - 1 Mile SE
BK241	CAOG9A000009355	1/2 - 1 Mile SE
BI242	CAOG9A000012152	1/2 - 1 Mile WNW
BJ243	CAOG9A000012485	1/2 - 1 Mile NW
244	CAOG9A000011999	1/2 - 1 Mile ENE
BK245	CAOG9A000009437	1/2 - 1 Mile SE
BJ246	CAOG9A000012440	1/2 - 1 Mile NW
BK247	CAOG9A000009516	1/2 - 1 Mile SE
BJ248	CAOG9A000012487	1/2 - 1 Mile NW
BK249	CAOG9A000009348	1/2 - 1 Mile SE
BL250	CAOG9A000009554	1/2 - 1 Mile ESE
BM251	CAOG9A000012088	1/2 - 1 Mile WNW
BN252	CAOG9A000012355	1/2 - 1 Mile WNW
BK253	CAOG9A000009330	1/2 - 1 Mile SE
254	CAOG9A000013155	1/2 - 1 Mile NW
BN255	CAOG9A000012410	1/2 - 1 Mile WNW
BO256	CAOG9A000012570	1/2 - 1 Mile NW
BP257	CAOG9A000009347	1/2 - 1 Mile SE
BN258	CAOG9A000012438	1/2 - 1 Mile WNW
BN259	CAOG9A000012397	1/2 - 1 Mile WNW
BN260	CAOG9A000012323	1/2 - 1 Mile WNW
261	CAOG9A000013023	1/2 - 1 Mile NW
BN262	CAOG9A000012477	1/2 - 1 Mile NW
BN263	CAOG9A000012326	1/2 - 1 Mile WNW
BN264	CAOG9A000012459	1/2 - 1 Mile NW
BM265	CAOG9A000012267	1/2 - 1 Mile WNW
BN266	CAOG9A000012378	1/2 - 1 Mile WNW
BO267	CAOG9A000012693	1/2 - 1 Mile NW
BP268	CAOG9A000009407	1/2 - 1 Mile SE
BO269	CAOG9A000012545	1/2 - 1 Mile NW
BN270	CAOG9A000012359	1/2 - 1 Mile WNW
BN271	CAOG9A000012518	1/2 - 1 Mile NW
BL272	CAOG9A000009510	1/2 - 1 Mile ESE
BL273	CAOG9A000009515	1/2 - 1 Mile ESE
BN274	CAOG9A000012395	1/2 - 1 Mile WNW
BO275	CAOG9A000012621	1/2 - 1 Mile NW
BO276	CAOG9A000012571	1/2 - 1 Mile NW
BP277	CAOG9A000009232	1/2 - 1 Mile SE
BN278	CAOG9A000012454	1/2 - 1 Mile WNW
BO279	CAOG9A000012843	1/2 - 1 Mile NW
BP280	CAOG9A000009230	1/2 - 1 Mile SE
BN281	CAOG9A000012426	1/2 - 1 Mile WNW
BP282	CAOG9A000009231	1/2 - 1 Mile SE
BP283	CAOG9A000009236	1/2 - 1 Mile SE
BQ284	CAOG9A000012360	1/2 - 1 Mile WNW
BP285	CAOG9A000009233	1/2 - 1 Mile SE
286	CAOG9A000012525	1/2 - 1 Mile NW
BP287	CAOG9A000009237	1/2 - 1 Mile SE
BQ288	CAOG9A000012404	1/2 - 1 Mile WNW
BO289	CAOG9A000012764	1/2 - 1 Mile NW
BQ290	CAOG9A000012414	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 04258573.2r



0 1/4 1/2 1 Miles

- 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
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	160-Acre Site	CLIENT:	Rincon
ADDRESS:	Pacific Coast Highway/E 2nd Street Long Beach CA 90803	CONTACT:	Devin Dinapoli
		INQUIRY #:	04258573.2r
LAT/LONG:	33.7613 / 118.1079	DATE:	April 09, 2015 8:11 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **South** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	90803125 Not Reported 7 14 Not Reported 10/1987	**AQUIFLOW**	**55245**

A2
NE
1/2 - 1 Mile
Lower

CA WELLS **CADW50000003115**

Latitude :	33.7686		
Longitude :	118.096		
Site code:	337686N1180960W001	Casgem sta:	05S12W01E002S
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	19		
Basin cd:	4-11.04	Basin desc:	Central
Org unit n:	Southern Region Office	Site id:	CADW50000003115

A3
NE
1/2 - 1 Mile
Lower

CA WELLS **CADW50000003116**

Latitude :	33.7686		
Longitude :	118.0957		
Site code:	337686N1180957W001	Casgem sta:	05S12W01E001S
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	19		
Basin cd:	4-11.04	Basin desc:	Central
Org unit n:	Southern Region Office	Site id:	CADW50000003116

4
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000138076**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334626118062801		
Monloc name:	005S012W02C001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.7739059
Longitude:	-118.108676	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.00
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	1020
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1977-02-03	26.80	

A5
NE
1/2 - 1 Mile
Lower

FED USGS **USGS40000138016**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334607118053901		
Monloc name:	005S012W01E002S		
Monloc type:	Well		
Monloc desc:	ORIGINAL DEPTH 187 FT, SOUNDED 173.5 FT 8/95		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.7686281
Longitude:	-118.0950643	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.1
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19590601	Welldepth:	173.5
Welldepth units:	ft	Wellholedepth:	210
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1995-08-30	11.42	

A6
NE
1/2 - 1 Mile
Lower

FED USGS **USGS40000138015**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334607118053801		
Monloc name:	005S012W01E001S		
Monloc type:	Well		
Monloc desc:	ORIGINAL DEPTH 635 FT, SOUNDED AT 630.95 FT 8/95		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.7686281
Longitude:	-118.0947865	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.2
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19590529	Welldepth:	630.95
Welldepth units:	ft	Wellholedepth:	900
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1995-08-30	42.68	

Map ID
Direction
Distance

Database | EDR ID Number

A1
SSE
0 - 1/8 Mile

OIL_GAS **CAOG9A000010978**

Districtnu:	1	Apinumber:	03707019
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	3.82
Locationde:	Not Reported		
Glat:	33.761099		
Glong:	-118.10778		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWD	Site id:	CAOG9A000010978

A2
WNW
0 - 1/8 Mile

OIL_GAS **CAOG9A000011048**

Districtnu:	1	Apinumber:	03707023
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	1.38
Locationde:	Not Reported		
Glat:	33.761455		
Glong:	-118.108203		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000011048

A3
NNE
0 - 1/8 Mile

OIL_GAS **CAOG9A000011173**

Districtnu:	1	Apinumber:	03707139
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	3.978
Locationde:	Not Reported		
Glat:	33.762089		
Glong:	-118.107398		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	67
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000011173

A4
East **OIL_GAS** **CAOG9A000011024**
0 - 1/8 Mile

Districtnu:	1	Apinumber:	03707131
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.396
Locationde:	Not Reported		
Glat:	33.761315		
Glong:	-118.106811		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	59
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011024

B5
NNW **OIL_GAS** **CAOG9A000011263**
0 - 1/8 Mile

Districtnu:	1	Apinumber:	03707129
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	11.957
Locationde:	Not Reported		
Glat:	33.762523		
Glong:	-118.108375		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	57
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011263

C6
WNW
0 - 1/8 Mile

OIL_GAS **CAOG9A000011062**

Districtnu:	1	Apinumber:	03707126
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.552
Locationde:	Not Reported		
Glat:	33.761598		
Glong:	-118.109605		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011062

D7
South
0 - 1/8 Mile

OIL_GAS **CAOG9A000010610**

Districtnu:	1	Apinumber:	03707151
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.19
Locationde:	Not Reported		
Glat:	33.759845		
Glong:	-118.108117		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	81
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010610

E8
WSW **OIL_GAS** **CAOG9A000010846**
0 - 1/8 Mile

Districtnu:	1	Apinumber:	03706997
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	9.009
Locationde:	Not Reported		
Glat:	33.760437		
Glong:	-118.109492		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010846

F9
SE **OIL_GAS** **CAOG9A000010796**
0 - 1/8 Mile

Districtnu:	1	Apinumber:	03707022
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.196
Locationde:	Not Reported		
Glat:	33.760188		
Glong:	-118.106534		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010796

F10
SE
0 - 1/8 Mile

OIL_GAS **CAOG9A000010828**

Districtnu:	1	Apinumber:	03706973
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.760334		
Glong:	-118.106382		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000010828

D11
South
0 - 1/8 Mile

OIL_GAS **CAOG9A000010559**

Districtnu:	1	Apinumber:	03707018
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.722
Locationde:	Not Reported		
Glat:	33.759684		
Glong:	-118.107514		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010559

D12
South
0 - 1/8 Mile

OIL_GAS **CAOG9A000010487**

Districtnu:	1	Apinumber:	03706999
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.594
Locationde:	Not Reported		
Glat:	33.759501		
Glong:	-118.108122		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWD	Site id:	CAOG9A000010487

G13
East
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010984**

Districtnu:	1	Apinumber:	03707142
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.636
Locationde:	Not Reported		
Glat:	33.761137		
Glong:	-118.105639		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	70
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010984

D14
SSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010551**

Districtnu:	1	Apinumber:	03707148
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	3.971
Locationde:	Not Reported		
Glat:	33.759663		
Glong:	-118.10906		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	77
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010551

B15
NNW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011386**

Districtnu:	1	Apinumber:	03705601
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.763012		
Glong:	-118.108934		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	73
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000011386

G16
East
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010979**

Districtnu:	1	Apinumber:	03707145
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.7611		
Glong:	-118.105419		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	74
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010979

C17
NW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011324**

Districtnu:	1	Apinumber:	03707024
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	13.07
Locationde:	Not Reported		
Glat:	33.762721		
Glong:	-118.109734		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011324

C18
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011169**

Districtnu:	1	Apinumber:	03707020
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.762073		
Glong:	-118.110311		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	47
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011169

F19
SSE
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010481**

Districtnu:	1	Apinumber:	03707017
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.759486		
Glong:	-118.106475		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010481

G20
East
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010983**

Districtnu:	1	Apinumber:	03707130
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.028
Locationde:	Not Reported		
Glat:	33.761136		
Glong:	-118.105276		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	58
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000010983

H21
SSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010378**

Districtnu:	1	Apinumber:	03707005
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.862
Locationde:	Not Reported		
Glat:	33.759218		
Glong:	-118.109264		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010378

H22
SSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010286**

Districtnu:	1	Apinumber:	03706974
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.044
Locationde:	Not Reported		
Glat:	33.758958		
Glong:	-118.109184		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010286

E23
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010776**

Districtnu:	1	Apinumber:	03707003
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.082
Locationde:	Not Reported		
Glat:	33.760095		
Glong:	-118.110724		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010776

I24
NNW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011518**

Districtnu:	1	Apinumber:	03707133
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	13.987
Locationde:	Not Reported		
Glat:	33.763583		
Glong:	-118.109559		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000011518

J25
South
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010148**

Districtnu:	1	Apinumber:	03707136
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.3
Locationde:	Not Reported		
Glat:	33.758627		
Glong:	-118.107711		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	64
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010148

J26
South
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010147**

Districtnu:	1	Apinumber:	03707002
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758613		
Glong:	-118.108024		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010147

K27
West
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011066**

Districtnu:	1	Apinumber:	03707001
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.2
Locationde:	Not Reported		
Glat:	33.761624		
Glong:	-118.111211		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011066

L28
ESE
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010783**

Districtnu:	1	Apinumber:	03706351
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.181
Locationde:	Not Reported		
Glat:	33.760131		
Glong:	-118.104856		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	53
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWD	Site id:	CAOG9A000010783

K29
West
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010933**

Districtnu:	1	Apinumber:	03707013
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.558
Locationde:	Not Reported		
Glat:	33.760843		
Glong:	-118.111222		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010933

I30
NW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011457**

Districtnu:	1	Apinumber:	03707141
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.185
Locationde:	Not Reported		
Glat:	33.763338		
Glong:	-118.110246		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	69
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011457

J31
SSE
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010143**

Districtnu:	1	Apinumber:	03706998
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	15.544
Locationde:	Not Reported		
Glat:	33.758602		
Glong:	-118.106795		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010143

I32
NW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011538**

Districtnu:	1	Apinumber:	03707128
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.473
Locationde:	Not Reported		
Glat:	33.763673		
Glong:	-118.109881		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011538

K33
West
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011088**

Districtnu:	1	Apinumber:	03720684
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	11.5
Locationde:	Not Reported		
Glat:	33.761711		
Glong:	-118.111516		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	82
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011088

J34
SSE **OIL_GAS** **CAOG9A000010092**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03707016
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	15.442
Locationde:	Not Reported		
Glat:	33.758421		
Glong:	-118.106533		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010092

M35
NW **OIL_GAS** **CAOG9A000011438**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03707146
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.756
Locationde:	Not Reported		
Glat:	33.763226		
Glong:	-118.110939		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	75
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000011438

M36
NW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011445**

Districtnu:	1	Apinumber:	03707132
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.578
Locationde:	Not Reported		
Glat:	33.763267		
Glong:	-118.111001		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	60
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWD	Site id:	CAOG9A000011445

L37
SE
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010380**

Districtnu:	1	Apinumber:	03707021
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	3.594
Locationde:	Not Reported		
Glat:	33.759225		
Glong:	-118.104857		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	48
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010380

K38
West
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010902**

Districtnu:	1	Apinumber:	03707134
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	12.178
Locationde:	Not Reported		
Glat:	33.760689		
Glong:	-118.111842		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	62
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000010902

N39
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010419**

Districtnu:	1	Apinumber:	03706987
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	14.12
Locationde:	Not Reported		
Glat:	33.759343		
Glong:	-118.111168		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010419

M40
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000011362**

Districtnu:	1	Apinumber:	03707127
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.727
Locationde:	Not Reported		
Glat:	33.762885		
Glong:	-118.111609		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	55
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011362

N41
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010538**

Districtnu:	1	Apinumber:	03707014
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	9.708
Locationde:	Not Reported		
Glat:	33.759635		
Glong:	-118.111587		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	41
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWD	Site id:	CAOG9A000010538

N42
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010185**

Districtnu:	1	Apinumber:	03706978
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758787		
Glong:	-118.110819		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWD	Site id:	CAOG9A000010185

J43
South
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000009992**

Districtnu:	1	Apinumber:	03706975
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757785		
Glong:	-118.107988		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009992

O44
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010863**

Districtnu:	1	Apinumber:	03706986
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.472
Locationde:	Not Reported		
Glat:	33.760505		
Glong:	-118.11208		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010863

N45
WSW
1/8 - 1/4 Mile

OIL_GAS **CAOG9A000010586**

Districtnu:	1	Apinumber:	03706977
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.359
Locationde:	Not Reported		
Glat:	33.759781		
Glong:	-118.111847		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000010586

P46
SSW **OIL_GAS** **CAOG9A000010003**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03707008
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757878		
Glong:	-118.109968		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010003

M47
NW **OIL_GAS** **CAOG9A000011508**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03707025
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.763547		
Glong:	-118.111621		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011508

M48
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011495**

Districtnu:	1	Apinumber:	03707150
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.763492		
Glong:	-118.111696		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	79
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011495

49
East
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011151**

Districtnu:	1	Apinumber:	03708984
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Oil Company of California		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.761986		
Glong:	-118.103201		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000011151

P50
SSW **OIL_GAS** **CAOG9A000009951**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03706988
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.75756		
Glong:	-118.109679		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009951

Q51
SE **OIL_GAS** **CAOG9A000010107**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03707140
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	4.226
Locationde:	Not Reported		
Glat:	33.758473		
Glong:	-118.104372		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	68
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000010107

R52
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009922**

Districtnu:	1	Apinumber:	03707000
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.75734		
Glong:	-118.106676		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWD	Site id:	CAOG9A000009922

R53
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009982**

Districtnu:	1	Apinumber:	03706994
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	17.013
Locationde:	Not Reported		
Glat:	33.757717		
Glong:	-118.105518		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009982

O54
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011008**

Districtnu:	1	Apinumber:	03707007
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	11.034
Locationde:	Not Reported		
Glat:	33.761236		
Glong:	-118.11288		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	34
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011008

O55
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010942**

Districtnu:	1	Apinumber:	03706979
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.405
Locationde:	Not Reported		
Glat:	33.760881		
Glong:	-118.112864		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000010942

S56
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011051**

Districtnu:	1	Apinumber:	03707147
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	11.996
Locationde:	Not Reported		
Glat:	33.761474		
Glong:	-118.112904		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	76
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011051

S57
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011083**

Districtnu:	1	Apinumber:	03706985
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	14.884
Locationde:	Not Reported		
Glat:	33.7617		
Glong:	-118.113023		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011083

T58
SSE **OIL_GAS** **CAOG9A000009946**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03707015
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	11.998
Locationde:	Not Reported		
Glat:	33.75753		
Glong:	-118.105257		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009946

59
WNW **OIL_GAS** **CAOG9A000011349**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03706995
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.836
Locationde:	Not Reported		
Glat:	33.762806		
Glong:	-118.112939		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011349

U60
ESE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010608**

Districtnu:	1	Apinumber:	03707998
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.75984		
Glong:	-118.102838		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010608

S61
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011170**

Districtnu:	1	Apinumber:	03707137
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.377
Locationde:	Not Reported		
Glat:	33.762084		
Glong:	-118.113332		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	65
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000011170

V62
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010325**

Districtnu:	1	Apinumber:	03708521
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.759051		
Glong:	-118.112719		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010325

Q63
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009985**

Districtnu:	1	Apinumber:	03706992
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.565
Locationde:	Not Reported		
Glat:	33.757734		
Glong:	-118.10437		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009985

V64
WSW **OIL_GAS** **CAOG9A000010278**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03708514
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758944		
Glong:	-118.112709		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010278

V65
WSW **OIL_GAS** **CAOG9A000010191**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03708491
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758799		
Glong:	-118.112603		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010191

T66
SSE **OIL_GAS** **CAOG9A000009884**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03707009
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	12.065
Locationde:	Not Reported		
Glat:	33.757115		
Glong:	-118.105205		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009884

W67
SW **OIL_GAS** **CAOG9A000009976**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03708493
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757698		
Glong:	-118.111646		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009976

S68
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011098**

Districtnu:	1	Apinumber:	03707006
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	9.122
Locationde:	Not Reported		
Glat:	33.761728		
Glong:	-118.113648		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011098

Q69
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010050**

Districtnu:	1	Apinumber:	03708000
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758169		
Glong:	-118.103507		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010050

V70
WSW **OIL_GAS** **CAOG9A000010477**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03708522
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.759472		
Glong:	-118.113254		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	47
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010477

Q71
SE **OIL_GAS** **CAOG9A000010072**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03706954
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Asphalt Petro. Co. of Calif.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758304		
Glong:	-118.103327		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Rancho	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000010072

S72
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011182**

Districtnu:	1	Apinumber:	03707011
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	12.016
Locationde:	Not Reported		
Glat:	33.76215		
Glong:	-118.113653		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011182

X73
South
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009774**

Districtnu:	1	Apinumber:	03706996
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756457		
Glong:	-118.108628		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009774

V74
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010036**

Districtnu:	1	Apinumber:	03708526
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758094		
Glong:	-118.11234		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010036

U75
ESE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010172**

Districtnu:	1	Apinumber:	03707997
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758737		
Glong:	-118.102858		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010172

X76
South
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009766**

Districtnu:	1	Apinumber:	03707135
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756357		
Glong:	-118.108026		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	63
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009766

V77
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010604**

Districtnu:	1	Apinumber:	03708494
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.759836		
Glong:	-118.113564		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010604

W78
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009875**

Districtnu:	1	Apinumber:	03708535
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757089		
Glong:	-118.111105		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009875

S79
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011200**

Districtnu:	1	Apinumber:	03707149
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	11.559
Locationde:	Not Reported		
Glat:	33.762258		
Glong:	-118.113851		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	78
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000011200

V80
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010353**

Districtnu:	1	Apinumber:	03708497
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.759128		
Glong:	-118.113385		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010353

W81
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009822**

Districtnu:	1	Apinumber:	03708544
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756862		
Glong:	-118.110887		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	55
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009822

S82
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011159**

Districtnu:	1	Apinumber:	03706980
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	9.018
Locationde:	Not Reported		
Glat:	33.76204		
Glong:	-118.113938		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	Bixby A	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011159

T83
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009794**

Districtnu:	1	Apinumber:	03706989
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	9.142
Locationde:	Not Reported		
Glat:	33.756622		
Glong:	-118.105313		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009794

Y84
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010616**

Districtnu:	1	Apinumber:	03708501
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.759868		
Glong:	-118.11387		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010616

Z85
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009805**

Districtnu:	1	Apinumber:	03708500
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756635		
Glong:	-118.11063		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009805

T86
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009855**

Districtnu:	1	Apinumber:	03706983
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.528
Locationde:	Not Reported		
Glat:	33.757		
Glong:	-118.104378		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009855

AA87
South
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009734**

Districtnu:	1	Apinumber:	03707004
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.82
Locationde:	Not Reported		
Glat:	33.756116		
Glong:	-118.106812		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009734

Y88
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010781**

Districtnu:	1	Apinumber:	03708534
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.760113		
Glong:	-118.114092		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010781

AB89
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011603**

Districtnu:	1	Apinumber:	03708519
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	14.048
Locationde:	Not Reported		
Glat:	33.763884		
Glong:	-118.113632		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011603

AB90
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011572**

Districtnu:	1	Apinumber:	03708530
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.763781		
Glong:	-118.113697		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011572

Y91
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010943**

Districtnu:	1	Apinumber:	03708520
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.760885		
Glong:	-118.114397		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010943

AC92
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009926**

Districtnu:	1	Apinumber:	03718819
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.7574		
Glong:	-118.103345		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWD	Site id:	CAOG9A000009926

T93
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009811**

Districtnu:	1	Apinumber:	03707144
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.151
Locationde:	Not Reported		
Glat:	33.75668		
Glong:	-118.104373		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	80
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009811

Y94
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010915**

Districtnu:	1	Apinumber:	03708518
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.760753		
Glong:	-118.114448		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010915

AD95
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010959**

Districtnu:	1	Apinumber:	03708513
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.761007		
Glong:	-118.11448		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010959

AE96
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011966**

Districtnu:	1	Apinumber:	03708509
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.765691		
Glong:	-118.111937		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011966

AC97
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009959**

Districtnu:	1	Apinumber:	03707993
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757602		
Glong:	-118.102949		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000009959

AC98
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009882**

Districtnu:	1	Apinumber:	03718815
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.688
Locationde:	Not Reported		
Glat:	33.757111		
Glong:	-118.103522		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009882

AA99
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009714**

Districtnu:	1	Apinumber:	03707012
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.862
Locationde:	Not Reported		
Glat:	33.755878		
Glong:	-118.106362		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	39
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009714

AD100
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010955**

Districtnu:	1	Apinumber:	03708495
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.760965		
Glong:	-118.114581		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010955

Y101
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010785**

Districtnu:	1	Apinumber:	03708492
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.76014		
Glong:	-118.114455		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010785

AC102
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009938**

Districtnu:	1	Apinumber:	03718811
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.847
Locationde:	Not Reported		
Glat:	33.757489		
Glong:	-118.102959		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009938

Z103
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009721**

Districtnu:	1	Apinumber:	03708539
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.755975		
Glong:	-118.110052		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009721

AC104
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009987**

Districtnu:	1	Apinumber:	03718812
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757744		
Glong:	-118.102671		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009987

AF105
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011367**

Districtnu:	1	Apinumber:	03708541
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	16.237
Locationde:	Not Reported		
Glat:	33.762909		
Glong:	-118.114523		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011367

106
ESE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010233**

Districtnu:	1	Apinumber:	03707999
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758875		
Glong:	-118.101562		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010233

AB107
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011420**

Districtnu:	1	Apinumber:	03708504
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.733
Locationde:	Not Reported		
Glat:	33.763167		
Glong:	-118.114518		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011420

AG108
SSE **OIL_GAS** **CAOG9A000009709**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03706990
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	11.367
Locationde:	Not Reported		
Glat:	33.75585		
Glong:	-118.10532		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009709

AG109
SSE **OIL_GAS** **CAOG9A000009753**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03706982
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756251		
Glong:	-118.104326		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009753

AF110
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011399**

Districtnu:	1	Apinumber:	03708517
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	11.631
Locationde:	Not Reported		
Glat:	33.763063		
Glong:	-118.114604		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	41
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011399

111
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009673**

Districtnu:	1	Apinumber:	03708532
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.755545		
Glong:	-118.109637		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009673

AF112
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011377**

Districtnu:	1	Apinumber:	03708490
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	13.229
Locationde:	Not Reported		
Glat:	33.762982		
Glong:	-118.114723		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011377

AC113
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009789**

Districtnu:	1	Apinumber:	03708568
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	4.542
Locationde:	Not Reported		
Glat:	33.756592		
Glong:	-118.103389		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009789

AD114
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010994**

Districtnu:	1	Apinumber:	03708502
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.761166		
Glong:	-118.115122		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010994

AH115
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009848**

Districtnu:	1	Apinumber:	03706957
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Atlantic Oil Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756989		
Glong:	-118.112955		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009848

AH116
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009990**

Districtnu:	1	Apinumber:	03707944
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Estate of Warren F. McGrath		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757768		
Glong:	-118.113837		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009990

AE117
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000012105**

Districtnu:	1	Apinumber:	03700121
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	2		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.76652		
Glong:	-118.111718		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012105

AI118
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010013**

Districtnu:	1	Apinumber:	03707153
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757984		
Glong:	-118.114064		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010013

AG119
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009667**

Districtnu:	1	Apinumber:	03707138
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	9.76
Locationde:	Not Reported		
Glat:	33.755499		
Glong:	-118.105333		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	66
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009667

AG120
SSE **OIL_GAS** **CAOG9A000009710**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03707010
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.755862		
Glong:	-118.104327		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009710

AJ121
SE **OIL_GAS** **CAOG9A000009978**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03708485
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757707		
Glong:	-118.101806		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant Lw	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009978

AF122
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011172**

Districtnu:	1	Apinumber:	03708496
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.762087		
Glong:	-118.115312		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011172

AI123
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010085**

Districtnu:	1	Apinumber:	03708976
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Transamerica Development Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758393		
Glong:	-118.114533		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	18-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000010085

AF124
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011215**

Districtnu:	1	Apinumber:	03708536
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.762343		
Glong:	-118.115288		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011215

AG125
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009628**

Districtnu:	1	Apinumber:	03707143
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.755234		
Glong:	-118.105646		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	72
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000009628

AD126
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010989**

Districtnu:	1	Apinumber:	03708498
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.761155		
Glong:	-118.115529		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010989

AC127
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009767**

Districtnu:	1	Apinumber:	03718818
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756359		
Glong:	-118.103018		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009767

128
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010319**

Districtnu:	1	Apinumber:	03707942
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Estate of Warren F. McGrath		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	10		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.759034		
Glong:	-118.115182		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010319

AG129
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009661**

Districtnu:	1	Apinumber:	03706981
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.668
Locationde:	Not Reported		
Glat:	33.755457		
Glong:	-118.104379		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009661

AK130
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011194**

Districtnu:	1	Apinumber:	03708503
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.762241		
Glong:	-118.115701		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011194

AG131
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009599**

Districtnu:	1	Apinumber:	03706991
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.478
Locationde:	Not Reported		
Glat:	33.755054		
Glong:	-118.105325		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009599

AL132
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009750**

Districtnu:	1	Apinumber:	03708572
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756229		
Glong:	-118.102807		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009750

AL133
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009706**

Districtnu:	1	Apinumber:	03708567
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.75583		
Glong:	-118.103353		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009706

AM134
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011730**

Districtnu:	1	Apinumber:	03708533
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.764344		
Glong:	-118.115027		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011730

AL135
SSE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009683**

Districtnu:	1	Apinumber:	03718814
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.755621		
Glong:	-118.103639		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009683

AN136
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011951**

Districtnu:	1	Apinumber:	03708508
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.765601		
Glong:	-118.114218		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011951

AJ137
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009819**

Districtnu:	1	Apinumber:	03718813
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	9.331
Locationde:	Not Reported		
Glat:	33.75683		
Glong:	-118.101747		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009819

AL138
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009724**

Districtnu:	1	Apinumber:	03708575
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.874
Locationde:	Not Reported		
Glat:	33.756004		
Glong:	-118.102702		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009724

139
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009587**

Districtnu:	1	Apinumber:	03708538
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.754905		
Glong:	-118.110866		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009587

AL140
SSE **OIL_GAS** **CAOG9A000009677**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03718803
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.755595		
Glong:	-118.103333		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009677

AN141
NW **OIL_GAS** **CAOG9A000011993**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03708512
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	14.481
Locationde:	Not Reported		
Glat:	33.765896		
Glong:	-118.114026		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011993

AN142
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011984**

Districtnu:	1	Apinumber:	03708506
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	17.022
Locationde:	Not Reported		
Glat:	33.765816		
Glong:	-118.114123		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011984

AN143
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011989**

Districtnu:	1	Apinumber:	03708507
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.415
Locationde:	Not Reported		
Glat:	33.765859		
Glong:	-118.11408		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011989

AK144
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011167**

Districtnu:	1	Apinumber:	03708523
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.762066		
Glong:	-118.116127		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	48
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011167

AJ145
ESE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009998**

Districtnu:	1	Apinumber:	03707994
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.75783		
Glong:	-118.100695		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	5N
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009998

AN146
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000012043**

Districtnu:	1	Apinumber:	03708515
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.378
Locationde:	Not Reported		
Glat:	33.766156		
Glong:	-118.113896		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	39
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000012043

AO147
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000010756**

Districtnu:	1	Apinumber:	03706956
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Atlantic Oil Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.760051		
Glong:	-118.116207		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010756

AJ148
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009788**

Districtnu:	1	Apinumber:	03718810
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756576		
Glong:	-118.101627		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009788

AP149
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011485**

Districtnu:	1	Apinumber:	03708531
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.763441		
Glong:	-118.11607		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011485

AL150
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009701**

Districtnu:	1	Apinumber:	03708569
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	4.82
Locationde:	Not Reported		
Glat:	33.755774		
Glong:	-118.102463		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009701

AK151
West
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011163**

Districtnu:	1	Apinumber:	03708499
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.762056		
Glong:	-118.116474		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011163

AJ152
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000009887**

Districtnu:	1	Apinumber:	03708486
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.757127		
Glong:	-118.10085		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant Lw	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009887

AM153
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000011537**

Districtnu:	1	Apinumber:	03708516
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	15.324
Locationde:	Not Reported		
Glat:	33.763664		
Glong:	-118.116072		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000011537

AP154
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000011528**

Districtnu:	1	Apinumber:	03708524
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	12.689
Locationde:	Not Reported		
Glat:	33.763637		
Glong:	-118.116163		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011528

AQ155
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009598**

Districtnu:	1	Apinumber:	03708566
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.119
Locationde:	Not Reported		
Glat:	33.755042		
Glong:	-118.103403		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009598

AP156
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000011555**

Districtnu:	1	Apinumber:	03720898
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.763721		
Glong:	-118.116176		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011555

AQ157
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009529**

Districtnu:	1	Apinumber:	03706984
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	0.708
Locationde:	Not Reported		
Glat:	33.754281		
Glong:	-118.104388		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bixby A	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009529

AO158
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000010903**

Districtnu:	1	Apinumber:	03707166
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.760691		
Glong:	-118.116984		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010903

AR159
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000010950**

Districtnu:	1	Apinumber:	03707154
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.760937		
Glong:	-118.117185		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000010950

AS160
SSE **OIL_GAS** **CAOG9A000009521**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03706993
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	LCW Oil Operations, LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.753796		
Glong:	-118.105015		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009521

AT161
NW **OIL_GAS** **CAOG9A000012108**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03708510
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	15.599
Locationde:	Not Reported		
Glat:	33.76653		
Glong:	-118.115199		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	34
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000012108

AT162
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012119**

Districtnu:	1	Apinumber:	03708511
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	13.653
Locationde:	Not Reported		
Glat:	33.766605		
Glong:	-118.115189		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	ADG	Site id:	CAOG9A000012119

AT163
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012134**

Districtnu:	1	Apinumber:	03708505
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.784
Locationde:	Not Reported		
Glat:	33.766683		
Glong:	-118.115422		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000012134

AT164
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012122**

Districtnu:	1	Apinumber:	03708543
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.03
Locationde:	Not Reported		
Glat:	33.766634		
Glong:	-118.115607		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	San Gabriel	Wellnumber:	54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000012122

165
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000011425**

Districtnu:	1	Apinumber:	03708525
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.763185		
Glong:	-118.117691		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011425

AR166
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000011069**

Districtnu:	1	Apinumber:	03706387
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Estate of Warren F. McGrath		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.761657		
Glong:	-118.117964		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011069

AU167
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009572**

Districtnu:	1	Apinumber:	03708573
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.75475		
Glong:	-118.101539		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009572

AV168
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009810**

Districtnu:	1	Apinumber:	03718805
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	11.863
Locationde:	Not Reported		
Glat:	33.756659		
Glong:	-118.09928		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWD	Site id:	CAOG9A000009810

AV169
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009764**

Districtnu:	1	Apinumber:	03718807
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756349		
Glong:	-118.099436		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009764

AU170
SSE **OIL_GAS** **CAOG9A000009524**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03718804
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.754001		
Glong:	-118.102376		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009524

AW171
SE **OIL_GAS** **CAOG9A000009651**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03706396
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.755374		
Glong:	-118.100319		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009651

AU172
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009544**

Districtnu:	1	Apinumber:	03718802
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.754494		
Glong:	-118.101458		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009544

AW173
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009686**

Districtnu:	1	Apinumber:	03718809
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.145
Locationde:	Not Reported		
Glat:	33.755636		
Glong:	-118.100027		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWD	Site id:	CAOG9A000009686

AV174
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009942**

Districtnu:	1	Apinumber:	03707996
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.75752		
Glong:	-118.098545		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009942

AS175
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009372**

Districtnu:	1	Apinumber:	03700581
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.752962		
Glong:	-118.104276		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000009372

176
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000011847**

Districtnu:	1	Apinumber:	03708540
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.76493		
Glong:	-118.117686		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011847

AX177
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009388**

Districtnu:	1	Apinumber:	03718816
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.413
Locationde:	Not Reported		
Glat:	33.753161		
Glong:	-118.103193		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009388

AX178
SSE **OIL_GAS** **CAOG9A000009382**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03718817
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.605
Locationde:	Not Reported		
Glat:	33.753085		
Glong:	-118.103334		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	34
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009382

AX179
SSE **OIL_GAS** **CAOG9A000009514**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700340
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.876
Locationde:	Not Reported		
Glat:	33.75356		
Glong:	-118.10213		
Gissourcec:	gps		
Comments:	68809148.ssf		
Leasename:	Bryant	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009514

AX180
SSE **OIL_GAS** **CAOG9A000009492**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03708571
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.753476		
Glong:	-118.102239		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009492

AU181
SE **OIL_GAS** **CAOG9A000009527**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03708570
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.754088		
Glong:	-118.101075		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009527

AU182
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009563**

Districtnu:	1	Apinumber:	03708574
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.754678		
Glong:	-118.100231		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009563

183
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012406**

Districtnu:	1	Apinumber:	03708545
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.76856		
Glong:	-118.114951		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel-Alamitos	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012406

AW184
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009641**

Districtnu:	1	Apinumber:	03707990
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.755318		
Glong:	-118.099259		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009641

185
West
1/2 - 1 Mile

OIL_GAS **CAOG9A000011313**

Districtnu:	1	Apinumber:	03707165
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.762691		
Glong:	-118.119045		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011313

AV186
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009680**

Districtnu:	1	Apinumber:	03718808
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Signal Hill Petroleum, Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.7556		
Glong:	-118.098924		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009680

AY187
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012322**

Districtnu:	1	Apinumber:	03708547
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.767887		
Glong:	-118.116126		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel-Alamitos	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012322

AY188
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012303**

Districtnu:	1	Apinumber:	03708546
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.767696		
Glong:	-118.116398		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel-Alamitos	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012303

AW189
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009594**

Districtnu:	1	Apinumber:	03718806
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.754995		
Glong:	-118.099264		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009594

190
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009126**

Districtnu:	1	Apinumber:	03708565
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.752101		
Glong:	-118.104572		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Fred Bixby	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000009126

191
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000011664**

Districtnu:	1	Apinumber:	03708542
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	The Termo Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.764074		
Glong:	-118.118966		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	53
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000011664

AZ192
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009712**

Districtnu:	1	Apinumber:	03707991
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.755872		
Glong:	-118.098272		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000009712

BA193
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009471**

Districtnu:	1	Apinumber:	05904254
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.416
Locationde:	Not Reported		
Glat:	33.753437		
Glong:	-118.100784		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	3A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009471

AZ194
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009790**

Districtnu:	1	Apinumber:	03707995
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.756596		
Glong:	-118.097368		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009790

BA195
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009404**

Districtnu:	1	Apinumber:	05904252
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.482
Locationde:	Not Reported		
Glat:	33.75324		
Glong:	-118.100718		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009404

BA196
SSE **OIL_GAS** **CAOG9A000009315**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05904261
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.464
Locationde:	Not Reported		
Glat:	33.75268		
Glong:	-118.101703		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009315

BA197
SE **OIL_GAS** **CAOG9A000009511**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05904272
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.254
Locationde:	Not Reported		
Glat:	33.753534		
Glong:	-118.100192		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009511

BA198
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009445**

Districtnu:	1	Apinumber:	05907016
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.753386		
Glong:	-118.100287		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000009445

BB199
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009248**

Districtnu:	1	Apinumber:	05920291
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.752501		
Glong:	-118.101792		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hellman Townlot Unit	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000009248

BA200
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009519**

Districtnu:	1	Apinumber:	05904253
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.75377		
Glong:	-118.099702		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009519

BB201
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009220**

Districtnu:	1	Apinumber:	05920817
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	11W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.752396		
Glong:	-118.101909		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hellman W.W.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWD	Site id:	CAOG9A000009220

BC202
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009528**

Districtnu:	1	Apinumber:	05904262
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.786
Locationde:	Not Reported		
Glat:	33.754196		
Glong:	-118.099013		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	10A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009528

203
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000010160**

Districtnu:	1	Apinumber:	03708484
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.758689		
Glong:	-118.095972		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant Four	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000010160

BC204
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009532**

Districtnu:	1	Apinumber:	05904255
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	14.337
Locationde:	Not Reported		
Glat:	33.754349		
Glong:	-118.098741		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009532

BB205
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009096**

Districtnu:	1	Apinumber:	05907912
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.752004		
Glong:	-118.102463		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hellman W.W.	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWD	Site id:	CAOG9A000009096

AZ206
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009657**

Districtnu:	1	Apinumber:	05907017
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.19
Locationde:	Not Reported		
Glat:	33.755423		
Glong:	-118.097558		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Bryant	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000009657

BC207
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009538**

Districtnu:	1	Apinumber:	05904263
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.197
Locationde:	Not Reported		
Glat:	33.754441		
Glong:	-118.098004		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009538

BD208
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012634**

Districtnu:	1	Apinumber:	03706955
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Atlantic Oil Company		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.769769		
Glong:	-118.116055		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012634

BE209
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012049**

Districtnu:	1	Apinumber:	03708529
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.766191		
Glong:	-118.11973		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	14-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012049

BE210
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012067**

Districtnu:	1	Apinumber:	03708528
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.766294		
Glong:	-118.119686		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012067

211
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012217**

Districtnu:	1	Apinumber:	03708527
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.767243		
Glong:	-118.119067		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Gabriel	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012217

BB212
SSE **OIL_GAS** **CAOG9A000009094**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05904268
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.143
Locationde:	Not Reported		
Glat:	33.751993		
Glong:	-118.10063		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009094

BD213
NW **OIL_GAS** **CAOG9A000012745**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03708489
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.770227		
Glong:	-118.115849		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012745

214
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009304**

Districtnu:	1	Apinumber:	05904271
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.584
Locationde:	Not Reported		
Glat:	33.752629		
Glong:	-118.09945		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	17-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000009304

215
East
1/2 - 1 Mile

OIL_GAS **CAOG9A000010951**

Districtnu:	1	Apinumber:	03707992
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	1		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.760943		
Glong:	-118.094497		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000010951

BC216
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009520**

Districtnu:	1	Apinumber:	05921233
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.926
Locationde:	Not Reported		
Glat:	33.753783		
Glong:	-118.097894		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	62
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009520

BE217
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012150**

Districtnu:	1	Apinumber:	03707972
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Pan Western Petroleum Co		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.766832		
Glong:	-118.119648		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Alamitos Land Company	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012150

BC218
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009522**

Districtnu:	1	Apinumber:	05921289
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	2.555
Locationde:	Not Reported		
Glat:	33.753825		
Glong:	-118.097808		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	63
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009522

BC219
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009523**

Districtnu:	1	Apinumber:	05904674
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	2.439
Locationde:	Not Reported		
Glat:	33.753861		
Glong:	-118.097718		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009523

BF220
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009549**

Districtnu:	1	Apinumber:	05904265
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	4.928
Locationde:	Not Reported		
Glat:	33.754534		
Glong:	-118.09705		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009549

BE221
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012184**

Districtnu:	1	Apinumber:	03707192
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.767069		
Glong:	-118.119801		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	3-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012184

BG222
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000009034**

Districtnu:	1	Apinumber:	25907895
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Exxon Mobil Corporation		
Countyname:	Orange Offshore	Fieldname:	Belmont Offshore
Areaname:	Old		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	3.769
Locationde:	Not Reported		
Glat:	33.750055		
Glong:	-118.110775		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	State PRC 186	Wellnumber:	210
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWD	Site id:	CAOG9A000009034

BF223
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009581**

Districtnu:	1	Apinumber:	05904658
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.071
Locationde:	Not Reported		
Glat:	33.754842		
Glong:	-118.096455		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009581

BG224
SSW
1/2 - 1 Mile

OIL_GAS **CAOG9A000009033**

Districtnu:	1	Apinumber:	25907894
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Exxon Mobil Corporation		
Countyname:	Orange Offshore	Fieldname:	Belmont Offshore
Areaname:	Old		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.175
Locationde:	Not Reported		
Glat:	33.750014		
Glong:	-118.110845		
Gissourcec:	gps		
Comments:	68809088.ssf		
Leasename:	State PRC 186	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWD	Site id:	CAOG9A000009033

225
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012463**

Districtnu:	1	Apinumber:	03707986
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Porter Sesnon et al		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.76901		
Glong:	-118.118214		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012463

BH226
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009659**

Districtnu:	1	Apinumber:	05904274
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.603
Locationde:	Not Reported		
Glat:	33.755448		
Glong:	-118.0958		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009659

227
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012948**

Districtnu:	1	Apinumber:	03706976
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.770984		
Glong:	-118.115784		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bixby A	Wellnumber:	3-3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012948

BF228
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009545**

Districtnu:	1	Apinumber:	05907005
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.101
Locationde:	Not Reported		
Glat:	33.754507		
Glong:	-118.096436		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009545

BE229
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012092**

Districtnu:	1	Apinumber:	03707161
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.766442		
Glong:	-118.120636		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012092

BF230
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009509**

Districtnu:	1	Apinumber:	05904256
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.01
Locationde:	Not Reported		
Glat:	33.7535		
Glong:	-118.096938		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009509

BF231
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009518**

Districtnu:	1	Apinumber:	05904264
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.541
Locationde:	Not Reported		
Glat:	33.753715		
Glong:	-118.096638		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009518

BI232
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012180**

Districtnu:	1	Apinumber:	03707188
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.767043		
Glong:	-118.120751		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	1-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012180

233
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012815**

Districtnu:	1	Apinumber:	03708476
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.77046		
Glong:	-118.117551		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant 2	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012815

BJ234
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012353**

Districtnu:	1	Apinumber:	03707195
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768192		
Glong:	-118.120075		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	6-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012353

BH235
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009537**

Districtnu:	1	Apinumber:	05904653
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.167
Locationde:	Not Reported		
Glat:	33.754439		
Glong:	-118.095634		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009537

BK236
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009512**

Districtnu:	1	Apinumber:	05904667
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.896
Locationde:	Not Reported		
Glat:	33.75355		
Glong:	-118.096341		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009512

BI237
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012198**

Districtnu:	1	Apinumber:	03707971
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Pan Western Petroleum Co		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.767146		
Glong:	-118.121079		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Alamitos Land Company	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012198

BI238
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012330**

Districtnu:	1	Apinumber:	03707190
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.767935		
Glong:	-118.120738		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	2-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012330

BK239
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009358**

Districtnu:	1	Apinumber:	05904652
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Conoco Inc.		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.752878		
Glong:	-118.096463		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hellman Unit	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000009358

BK240
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009525**

Districtnu:	1	Apinumber:	05904659
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	3.91
Locationde:	Not Reported		
Glat:	33.754005		
Glong:	-118.09534		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009525

BK241
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009355**

Districtnu:	1	Apinumber:	05904651
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	South Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.969
Locationde:	Not Reported		
Glat:	33.752867		
Glong:	-118.096356		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Hellman Unit	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009355

BI242
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012152**

Districtnu:	1	Apinumber:	03706958
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Marina Pacifica Oil Co.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.766858		
Glong:	-118.121744		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012152

BJ243
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012485**

Districtnu:	1	Apinumber:	03707196
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.769152		
Glong:	-118.120095		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	7-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012485

244
ENE **OIL_GAS** **CAOG9A000011999**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03708560
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	1		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.765938		
Glong:	-118.093336		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant Estate (nct-1)	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000011999

BK245
SE **OIL_GAS** **CAOG9A000009437**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	05904266
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.005
Locationde:	Not Reported		
Glat:	33.753374		
Glong:	-118.095452		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009437

BJ246
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012440**

Districtnu:	1	Apinumber:	03707193
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.7688		
Glong:	-118.120729		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	4-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012440

BK247
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009516**

Districtnu:	1	Apinumber:	05904259
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	1.649
Locationde:	Not Reported		
Glat:	33.753653		
Glong:	-118.095087		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009516

BJ248
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012487**

Districtnu:	1	Apinumber:	03707197
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.769167		
Glong:	-118.120521		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	8-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012487

BK249
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009348**

Districtnu:	1	Apinumber:	05907015
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.825
Locationde:	Not Reported		
Glat:	33.752837		
Glong:	-118.095794		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	60
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009348

BL250
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009554**

Districtnu:	1	Apinumber:	05904673
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.216
Locationde:	Not Reported		
Glat:	33.754571		
Glong:	-118.09432		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009554

BM251
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012088**

Districtnu:	1	Apinumber:	03707162
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Marina Pacifica Oil Co.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.76643		
Glong:	-118.122537		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012088

BN252
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012355**

Districtnu:	1	Apinumber:	03707198
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768203		
Glong:	-118.121478		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Crane	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012355

BK253
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009330**

Districtnu:	1	Apinumber:	05904257
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.137
Locationde:	Not Reported		
Glat:	33.752742		
Glong:	-118.095695		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009330

254
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000013155**

Districtnu:	1	Apinumber:	03708481
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.771948		
Glong:	-118.117584		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant 2	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000013155

BN255
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012410**

Districtnu:	1	Apinumber:	03707930
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Pauline F. Hughes		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768583		
Glong:	-118.121463		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012410

BO256
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012570**

Districtnu:	1	Apinumber:	03707194
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.76951		
Glong:	-118.120786		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	5-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012570

BP257
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009347**

Districtnu:	1	Apinumber:	05907004
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	11		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	9.595
Locationde:	Not Reported		
Glat:	33.752837		
Glong:	-118.095195		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009347

BN258
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012438**

Districtnu:	1	Apinumber:	03707916
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768788		
Glong:	-118.121478		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	S. B.	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012438

BN259
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012397**

Districtnu:	1	Apinumber:	03707965
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	P & H Oil Co.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768463		
Glong:	-118.121789		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Horowitz	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012397

BN260
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012323**

Districtnu:	1	Apinumber:	03707974
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Pan Western Petroleum Co		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.767896		
Glong:	-118.12222		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Murphy	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012323

261
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000013023**

Districtnu:	1	Apinumber:	03708477
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	CalResources LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.771291		
Glong:	-118.119094		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant 2	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000013023

BN262
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012477**

Districtnu:	1	Apinumber:	03716563
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Freeman Oil		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.769087		
Glong:	-118.121471		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Loraine	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012477

BN263
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012326**

Districtnu:	1	Apinumber:	03707969
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Pan Western Petroleum Co		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.76791		
Glong:	-118.122339		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Alamitos Land Company	Wellnumber:	2-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012326

BN264
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012459**

Districtnu:	1	Apinumber:	03707924
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768981		
Glong:	-118.121633		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Williams	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012459

BM265
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012267**

Districtnu:	1	Apinumber:	03707172
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	The Lansdale Co.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.767436		
Glong:	-118.122707		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	McGrath	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012267

BN266
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012378**

Districtnu:	1	Apinumber:	03707937
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	F. McAteer and W. R. Wells		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768356		
Glong:	-118.122173		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Getty	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012378

BO267
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012693**

Districtnu:	1	Apinumber:	03707189
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.770019		
Glong:	-118.120813		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	1-B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012693

BP268
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009407**

Districtnu:	1	Apinumber:	05904660
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	5.657
Locationde:	Not Reported		
Glat:	33.753245		
Glong:	-118.094311		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009407

BO269
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012545**

Districtnu:	1	Apinumber:	03707178
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Bayshore-Long Beach LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.769442		
Glong:	-118.121471		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Fee	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012545

BN270
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012359**

Districtnu:	1	Apinumber:	03706953
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Alamitos Oil Co.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768221		
Glong:	-118.122411		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ostraff	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012359

BN271
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012518**

Districtnu:	1	Apinumber:	03707923
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.769324		
Glong:	-118.121603		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Williams	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012518

BL272
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009510**

Districtnu:	1	Apinumber:	05904654
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	10.012
Locationde:	Not Reported		
Glat:	33.753516		
Glong:	-118.093927		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000009510

BL273
ESE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009515**

Districtnu:	1	Apinumber:	05904267
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	4.607
Locationde:	Not Reported		
Glat:	33.753645		
Glong:	-118.093813		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009515

BN274
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012395**

Districtnu:	1	Apinumber:	03708993
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	White Oil Co.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768454		
Glong:	-118.12244		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012395

BO275
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012621**

Districtnu:	1	Apinumber:	03708982
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Trinity Oil Corp., Ltd.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.769724		
Glong:	-118.121441		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Judson-Mccrate	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012621

BO276
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012571**

Districtnu:	1	Apinumber:	03708563
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.769514		
Glong:	-118.121627		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mcmasters	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012571

BP277
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009232**

Districtnu:	1	Apinumber:	05907014
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.296
Locationde:	Not Reported		
Glat:	33.752447		
Glong:	-118.094735		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	59
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009232

BN278
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012454**

Districtnu:	1	Apinumber:	03707962
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Morton and Dolley		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768923		
Glong:	-118.122194		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kindig	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012454

BO279
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012843**

Districtnu:	1	Apinumber:	03707191
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.770586		
Glong:	-118.120727		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bryant	Wellnumber:	2-B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012843

BP280
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009230**

Districtnu:	1	Apinumber:	05904251
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.907
Locationde:	Not Reported		
Glat:	33.752446		
Glong:	-118.094589		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009230

BN281
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012426**

Districtnu:	1	Apinumber:	03708994
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Howard E. Williams		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768681		
Glong:	-118.122458		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Alamitos	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012426

BP282
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009231**

Districtnu:	1	Apinumber:	05904275
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.245
Locationde:	Not Reported		
Glat:	33.752446		
Glong:	-118.094507		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009231

BP283
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009236**

Districtnu:	1	Apinumber:	05904273
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	8.619
Locationde:	Not Reported		
Glat:	33.752449		
Glong:	-118.094418		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009236

BQ284
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012360**

Districtnu:	1	Apinumber:	03707963
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Bayshore-Long Beach LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	15.533
Locationde:	Not Reported		
Glat:	33.768224		
Glong:	-118.122912		
Gissourcec:	gps		
Comments:	68809168.ssf		
Leasename:	Marquis	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012360

BP285
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009233**

Districtnu:	1	Apinumber:	05904269
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	7.49
Locationde:	Not Reported		
Glat:	33.752447		
Glong:	-118.094332		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	17-X1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AWF	Site id:	CAOG9A000009233

286
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012525**

Districtnu:	1	Apinumber:	03706970
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Coastal Oil Co.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.769374		
Glong:	-118.122179		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012525

BP287
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000009237**

Districtnu:	1	Apinumber:	05904258
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Hellman Properties LLC		
Countyname:	Orange	Fieldname:	Seal Beach
Areaname:	North Block		
Section:	12		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.51
Locationde:	Not Reported		
Glat:	33.75245		
Glong:	-118.094246		
Gissourcec:	gps		
Comments:	68809158.ssf		
Leasename:	Not Reported	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000009237

BQ288
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012404**

Districtnu:	1	Apinumber:	03707934
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Bayshore-Long Beach LLC		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	6.576
Locationde:	Not Reported		
Glat:	33.768553		
Glong:	-118.122867		
Gissourcec:	gps		
Comments:	68809168.ssf		
Leasename:	Merritt-Taylor	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012404

BO289
NW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012764**

Districtnu:	1	Apinumber:	03707964
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Olympic Refining Co.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.770294		
Glong:	-118.121473		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000012764

BQ290
WNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000012414**

Districtnu:	1	Apinumber:	03707906
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Seal Beach
Areaname:	Alamitos		
Section:	3		
Township:	05S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.768609		
Glong:	-118.122886		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Nicholson	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000012414

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90803	49	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation 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.

OTHER STATE DATABASE INFORMATION

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.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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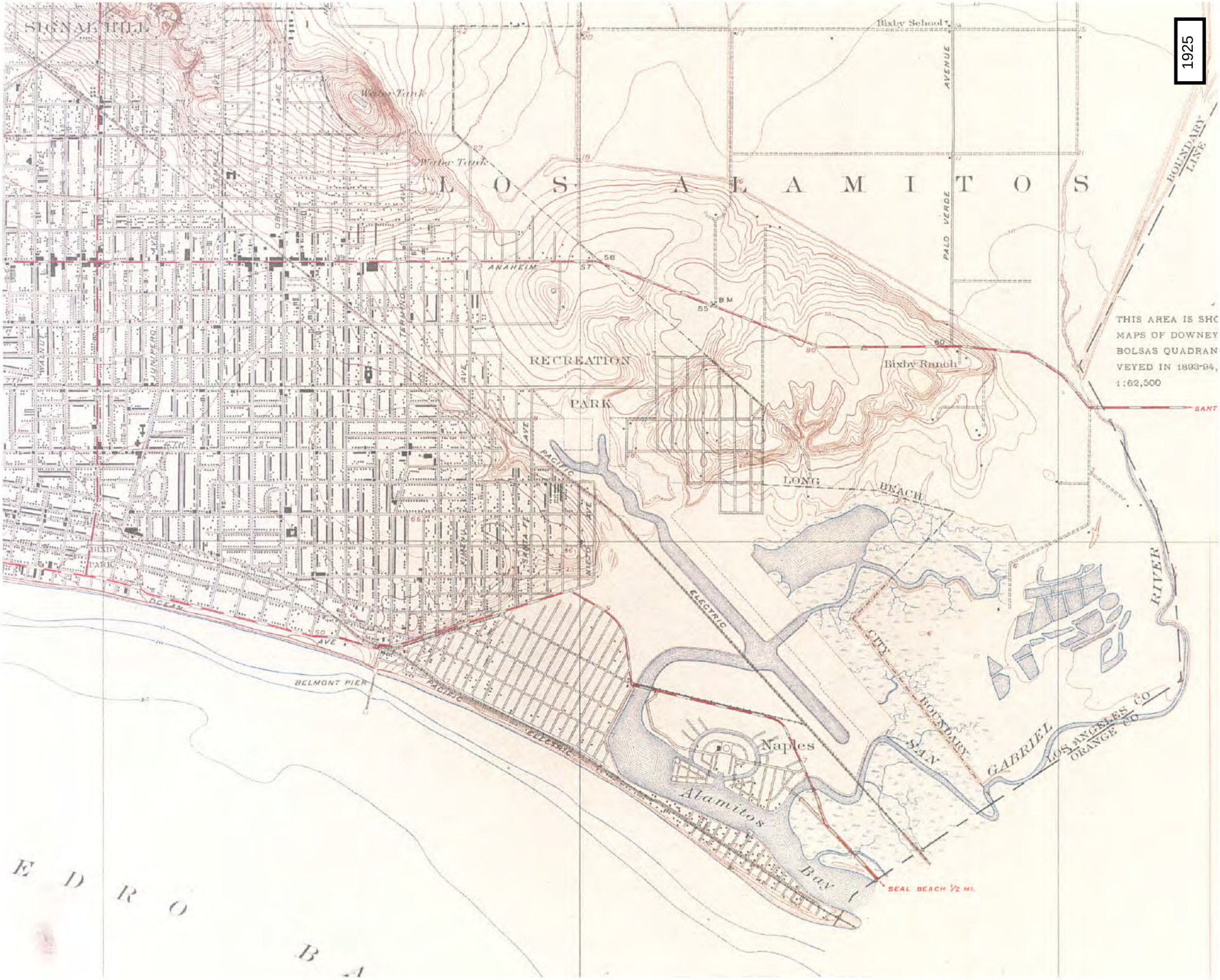
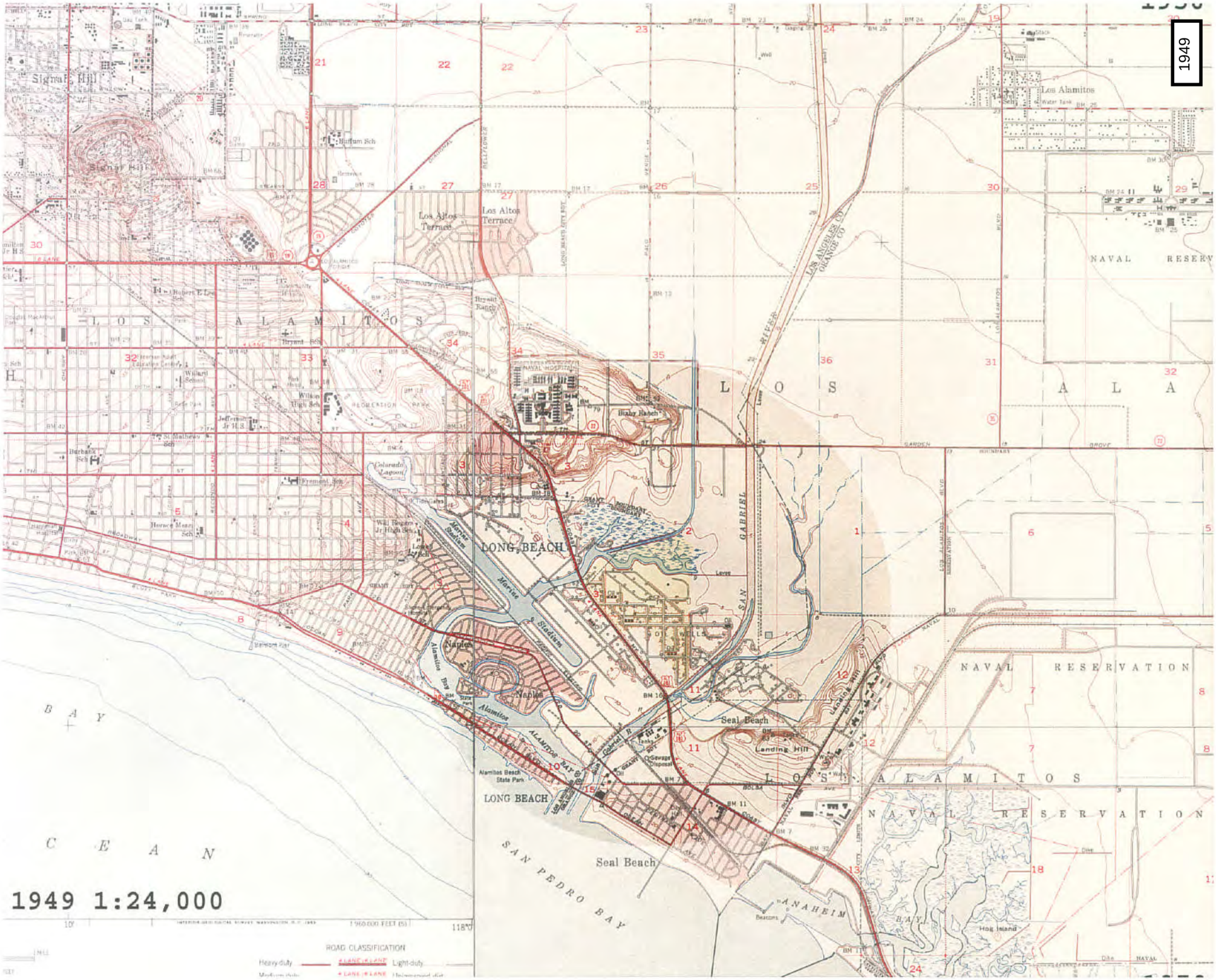
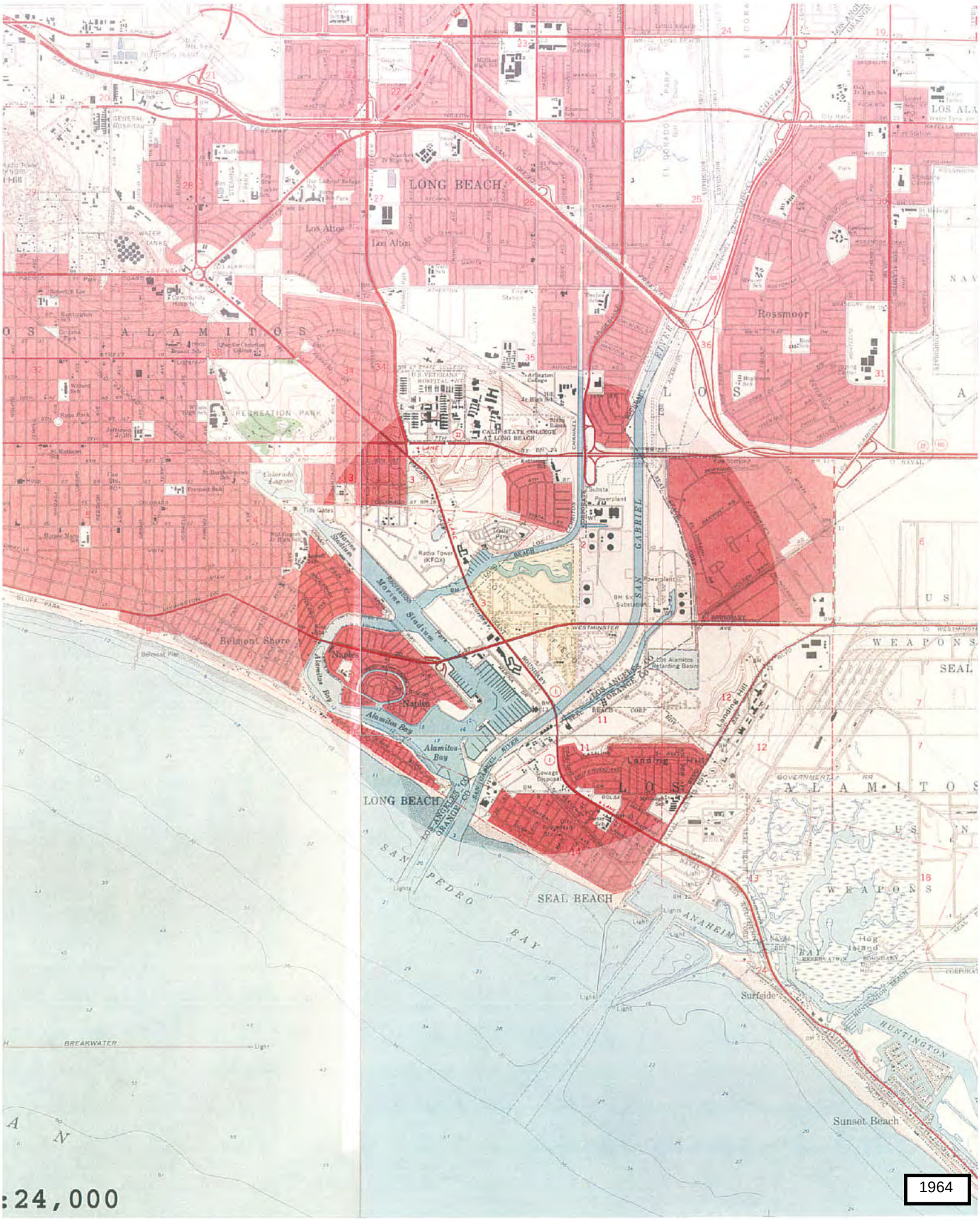
Appendix 3

Historical Research Documentation

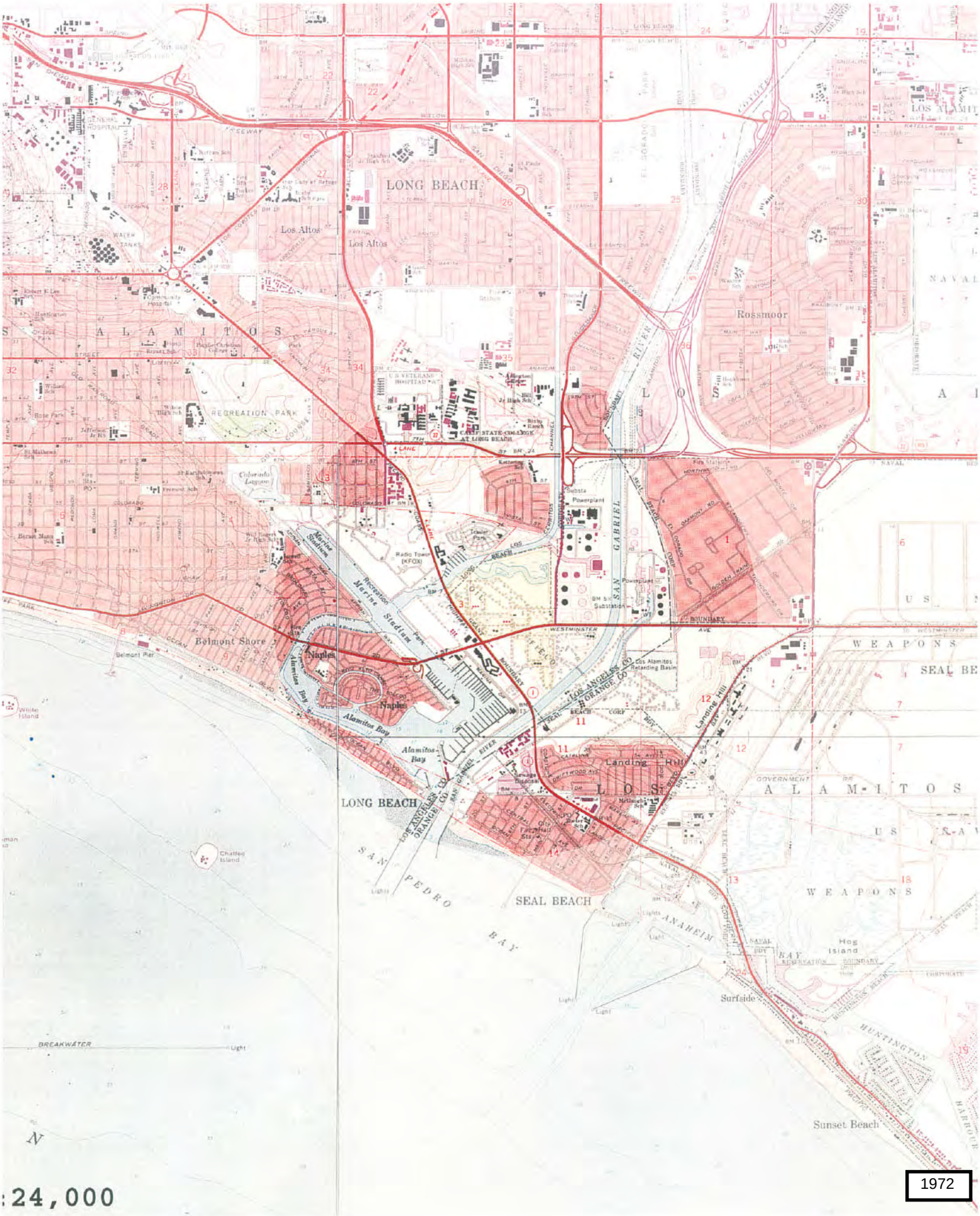
1925


SIGNAL HILL
Bixby School
Water Tank
Water Tank
LOS ALAMITOS
ANAHEIM
PALO VERDE
AVENUE
BOUNDARY LINE
RECREATION
PARK
Bixby Ranch
LONG BEACH
THIS AREA IS SHO
MAPS OF DOWNEY
BOLSAS QUADRAN
VEYED IN 1893-94,
1:62,500
SANT
PACIFIC
ELECTRIC
OCEAN AVE
BELMONT PIER
Naples
Alamitos Bay
SEAL BEACH ½ MI.
CITY BOUNDARY
SAN GABRIEL RIVER
LOS ANGELES CO
ORANGE CO
E D R O
B A

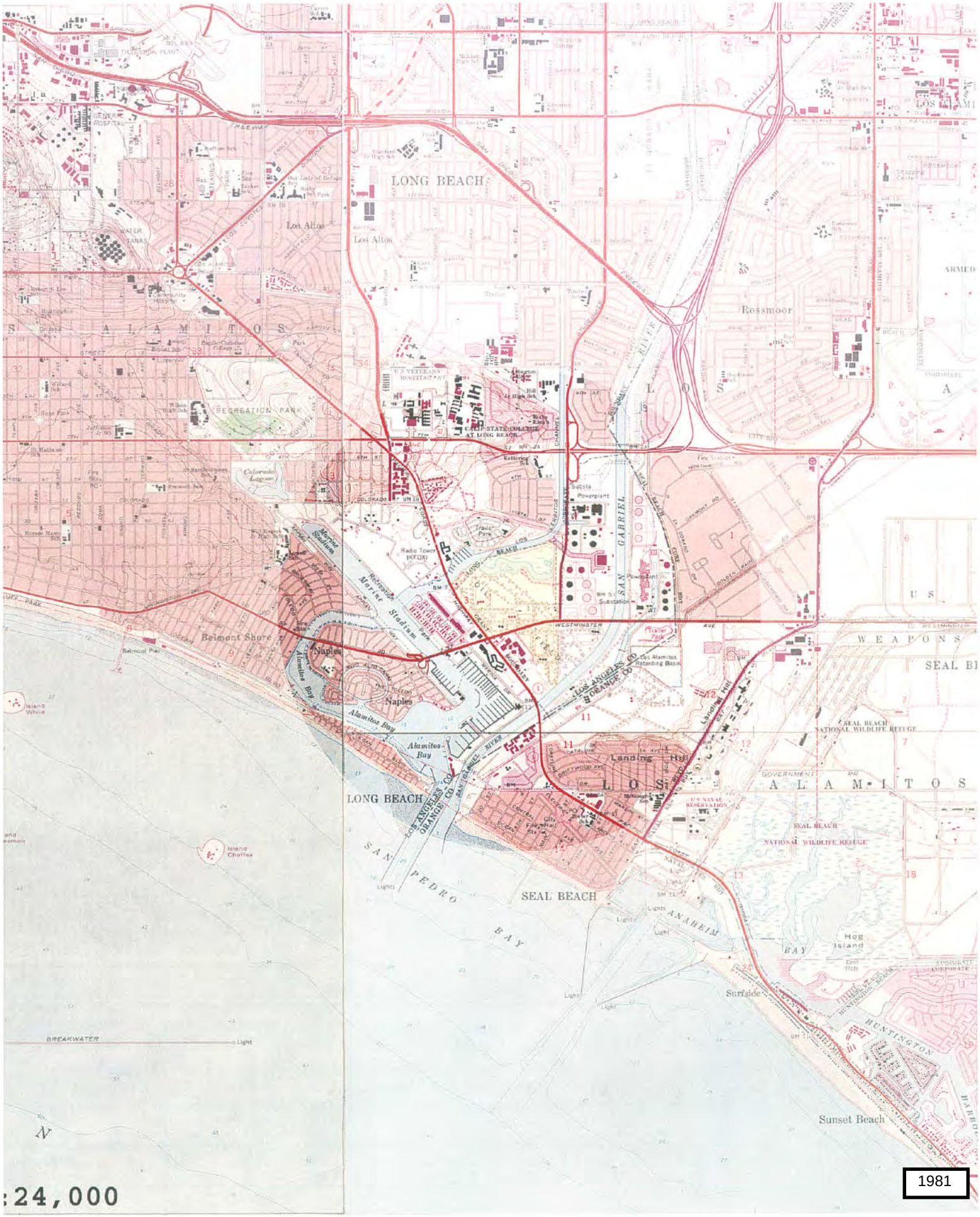

1949
1949 1:24,000
Signal Hill
Los Alamitos
Los Altos Terrace
LOS ALAMITOS
NAVAL RESERVATION
LONG BEACH
Naples
Seal Beach
Landing Hill
Alamitos Beach State Park
SAN PEDRO BAY
ANAHEIM BAY
Hog Island
Colorado Lagoon
Marina Stadium
SAN GABRIEL RIVER
LOS ANGELES CO
ORANGE CO
ROAD CLASSIFICATION
Heavy-duty
Light-duty


LONG BEACH
Los Altos
Rossmoor
LOS ALAMITOS
RECREATION PARK
CALIF STATE COLLEGE AT LONG BEACH
Colorado Lagoon
Belmont Shore
Naples
Alamitos Bay
Marine Stadium
SAN GABRIEL RIVER
Landing Hill
WEAPONS
SEAL BEACH
SAN PEDRO BAY
Surfside
Sunset Beach
HUNTINGTON
BREAKWATER
:24,000

1964


LONG BEACH
Los Altos
Los Altos
ALAMITOS
REGRESSION PARK
Rossmoor
LOS ALAMITOS
NAVAL
CALIF STATE COLLEGE AT LONG BEACH
Colorado Lagoon
Marine Stadium
Recreation Park
Belmont Shore
Naples
Alamitos Bay
Landing Hill
LOS ALAMITOS
WEAPONS
SEAL BE
LONG BEACH
SEAL BEACH
SAN PEDRO BAY
Hog Island
Surfside
Sunset Beach
BREAKWATER
N
:24,000

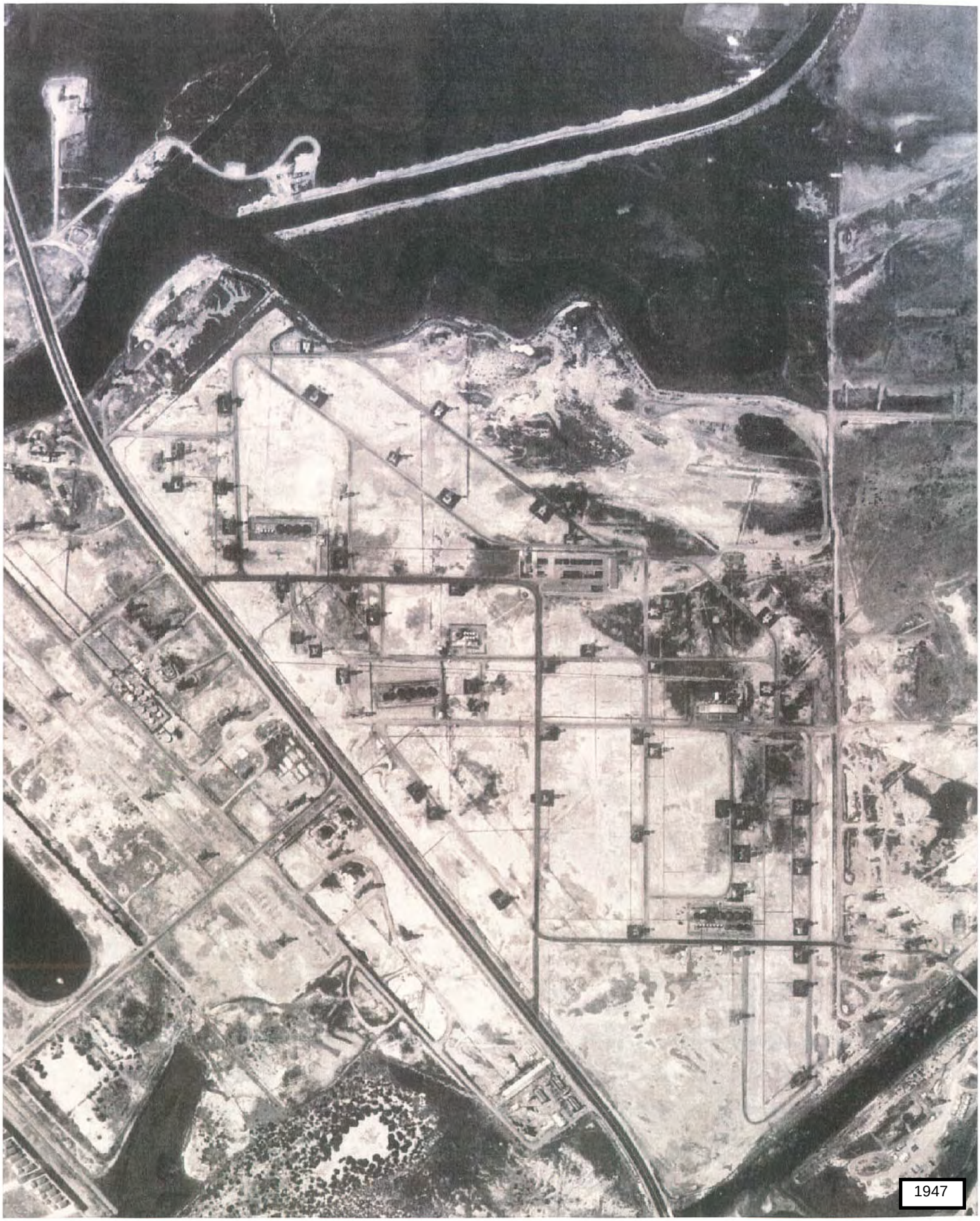
1972


LONG BEACH
Los Altos
S A L A M I T O S
Rossmoor
RECREATION PARK
CALIF. STATE COLLEGE AT LONG BEACH
U.S. VETERANS HOSPITAL
Colorado Lagoon
Radio Tower (KFOX)
Recreation Marine Stadium Park
Belmont Shore
Naples
Alamitos Bay
Landing Hill
L O S
A L A M I T O S
SEAL BEACH NATIONAL WILDLIFE REFUGE
U.S. NAVAL RESERVATION
SAN PEDRO BAY
ANAHEIM BAY
Hog Island
Surfside
HUNTINGTON BEACH
Sunset Beach
Island White
Island Chaffee
BREAKWATER
WEAPONS
SEAL BI
ARMED
N
:24,000

1981

1928

1938


1947

1953

1960

1976

1982

1994

2002