North Coast Highway (Hill Street) Bridge Replacement Project



Initial Site Assessment (ISA)

North Coast Highway (Hill Street) Bridge Replacement Project
North Coast Highway (Hill Street) over San Luis Rey River
San Diego County, City of Oceanside
BRLO-5079(30)

March 2017

Caltrans

CITY OF OCEANSIDE INCORPORATED 1888

EXECUTIVE SUMMARY

The North Coast Highway (Hill Street) Bridge Replacement over the San Luis Rey River project site is located approximately 0.3 miles south of South Oceanside Harbor Drive, immediately west of and parallel to Interstate 5, in the City of Oceanside, San Diego County, California. The proposed project involves replacing the deteriorated, structurally deficient, fracture critical and seismically vulnerable, existing bridge (57C-0322) with a new bridge at the same location.

The property assessed for this initial site assessment (ISA) includes the area adjacent to the existing bridge, and is referred to as the "project area" or the "project site" in this report. Adjacent land uses consist of recreational, commercial retail, residential and public facilities. According to review of historical sources, including historical aerial photographs and topographic maps, the first development within the vicinity of the project site occurred prior to 1893. The Caltrans Historic Bridge Inventory indicates that the North Coast Highway Bridge was built in 1929.

This ISA identifies Recognized Environmental Conditions (RECs) for the project site that may adversely affect roadway construction or right-of-way acquisition. An REC is defined by the ASTM Practice E 1527-05 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; or (3) under conditions that pose a material threat of a future release to the environment." The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of regulatory governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

This ISA was conducted in general conformance with the scope and limitations of the ASTM Practice E 1527-05. This ISA includes a summary of the site reconnaissance conducted on February 16, 2017, a review of environmental databases, and a review of historical data sources. Any exceptions to or deletions from these ASTM practices are described later in this report.

A database report was obtained from Environmental Database Resources, Inc. (EDR) consisting of information compiled from various government records, such as Geotracker, National Priorities List and solid waste information system, for information regarding the project area. The following potential environmental issues within the project area and surrounding properties were also discussed:

- the presence of lead-based paint (LBP) in roadway striping, and aerially deposited lead (ADL) due to the age and usage of the existing roadway; and
- the presence of asbestos containing materials due to the age and structure type of the North Coast Highway Bridge.

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INTRODUCTION

Purpose and Involved Parties

This Initial Site Assessment (ISA) has been prepared on behalf of the City of Oceanside (City) for approval from the California Department of Transportation (Caltrans) on behalf of the Federal Highway Administration (FHWA).

The ISA report documents the evaluation of the project area for indications of "recognized environmental conditions (REC)." An REC is defined by the ASTM Practice E 1527-05 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; or (3) under conditions that pose a material threat of a future release to the environment." The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of regulatory governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

Regulatory Setting

Hazardous materials, including hazardous substances and wastes are regulated by many state and federal laws. Statutes govern the generation, treatment, storage and disposal of hazardous materials, substances, and waste, and also the investigation and mitigation of waste releases, air and water quality, human health and land use.

The primary federal laws regulating hazardous wastes/materials are the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) and the Resource Conservation and Recovery Act of 1976 (RCRA). The purpose of CERCLA, often referred to as "Superfund," is to identify and clean up abandoned contaminated sites so that public health and welfare are not compromised. RCRA provides for "cradle to grave" regulation of hazardous waste generated by operating entities. Other federal laws include:

- Community Environmental Response Facilitation Act (CERFA) of 1992
- Clean Water Act
- Clean Air Act
- Safe Drinking Water Act
- Occupational Safety and Health Act (OSHA)
- Atomic Energy Act
- Toxic Substances Control Act (TSCA)
- Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

In addition to the acts listed above, Executive Order (EO) 12088, *Federal Compliance with Pollution Control Standards*, mandates that necessary actions be taken to prevent and control environmental pollution when federal activities or federal facilities are involved.

California regulates hazardous materials, waste, and substances under the authority of the California Health and Safety Code and is also authorized by the federal government to implement RCRA in the state. California law also addresses specific handling, storage, transportation, disposal, treatment, reduction, cleanup and emergency planning of hazardous waste. The Porter-Cologne Water Quality Control Act also restricts disposal of wastes and requires clean-up of wastes that are below hazardous waste concentrations but could impact ground and surface water quality. California regulations that address waste management and prevention and clean up contamination include Title 22 Division 4.5 Environmental Health Standards for the Management of Hazardous Waste, Title 23 Waters, and Title 27 Environmental Protection.

Worker and public health and safety are key issues when addressing hazardous materials that may affect human health and the environment. Proper management and disposal of hazardous material is vital if it is encountered, disturbed during, or generated during project construction.

Scope of Service, Significant Assumptions, and Limitations

The services provided for this project consisted of the following:

- A description of the project area including current land uses;
- A general description of the topography, soils, geology, and groundwater flow direction;
- A review of regulatory information published by federal, state, local, tribal, health, and/or environmental agencies pertaining to the project area;
- A review of historical data sources for the project area, including aerial photographs, topographic maps, fire insurance maps, city directories, and other readily available development data;
- An area reconnaissance and an environmental review—including a visual inspection of adjoining properties—with a focus on indications of hazardous substances, petroleum products, wells, storage tanks, solid waste disposal pits and sumps, and utilities; and
- Preparation of this report of methods, findings, and conclusions.

The goal of this ISA is to identify conditions in the project area that may indicate risks regarding hazardous materials storage, disposal, or other impacts. The resulting report may qualify the user for relief from liabilities per CERCLA Section 9607 (All Appropriate Inquiry [AAI] subsections) and satisfy one of the requirements as innocent landowners, contiguous property owner, or bona fide prospective purchaser.

Federal regulations at 40 Code of Federal Regulations [C.F.R.] Part 312, promulgated by the United States (U.S.) Environmental Protection Agency (EPA), require that liability release be based (in part) on completion of AAI prior to purchase of a property.

Those inquiries are documented by Phase I reports, or ISAs/Environmental Site Assessments (ESAs). EPA has agreed that the recently developed ASTM guidance (ASTM Practice E 1527-05) specifies and interprets AAI requirements.

A user is defined by ASTM Practice E 1527-05 as the party seeking to use Practice E 1527 to complete an ISA of the project area and may include a potential purchaser of land in the project area, a potential tenant of the project area, an owner of land in the project area, a lender, or a project area manager. This report was prepared for the City of Oceanside. Investigative areas not included in the standard ASTM ISA scope include: asbestos, lead-based paint (LBP), lead in drinking water, radon or urea

formaldehyde, wetland issues, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and high voltage power lines. Additionally, the scope of services does not include the completion of soil borings, the installation of groundwater monitoring wells, or the collection of soil or groundwater samples. Likely sources of vapor intrusion, from potential on-site or off-site sources, are identified. State and national policies and standards relevant to vapor intrusion are in flux and subject to change.

Per Caltrans site investigation guidance, Caltrans has a process for evaluating asbestos and lead within a project site, and separate guidance documents provide the methodology and technologies for these specific site investigations. Although asbestos and lead may be present, these issues would be addressed by the City under separate assessment(s). An REC, as defined by ASTM, would not include asbestos and LBP, as these are typical construction waste management issues.

The following assumptions were made in preparing the scope of this assessment:

- Data gathered from public information sources (i.e., libraries or public regulatory agencies) are accurate and reliable.
- Site operations reflect site conditions relative to potential releases and no intentional concealment of environmental conditions or releases has occurred.
- Published geologic information and site observations made by the environmental professional are used to estimate likely contaminant migration pathways in the subsurface. These estimates by the environmental professional are limited in accuracy and are generally cross-referenced with existing information about similar sites and environmental releases in the area.
- Regulatory information is limited to sites discovered after the late 1980s because reliable records were not kept by regulatory agencies prior to that time frame. Where an REC has resulted from historical uses or conditions, but apparently no longer persists at the site, the term “historical REC” is used.

The findings and conclusions presented in this report are based on the procedures described in ASTM Practice E 1527-05, informal discussions with various agencies, a review of the available literature cited in this report and conditions noted at the time of this ISA. The findings and conclusions are limited to the specific project and properties described in this report, and by the accuracy and completeness of the information provided by others.

An ISA cannot entirely eliminate uncertainty regarding the potential for RECs. Conducting this assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a project area within reasonable limits of time and cost. In conducting its services, Drake Haglan and Associates (DHA) used a degree of care and skill ordinarily exercised under similar circumstances by reputable members of its profession practicing in the same locality. No other warranty is made or intended. This ISA generally conforms to the level of documentation required in ASTM Practice E 1527-05.

SITE DESCRIPTION

Location and Description

The North Coast Highway Bridge Replacement over the San Luis Rey River project site is located approximately 0.3 miles (mi) south of South Oceanside Harbor Drive, immediately west of and parallel to Interstate 5 (I-5), in the City of Oceanside, San Diego County, California (**Figures 1 and 2**). Constructed in 1929 and reconstructed in 1971, the existing North Coast Highway Bridge is a 950-foot long five-span steel bridge with a concrete cast-in-place deck. The approach spans (spans 1 and 5) are rolled steel girders. Spans 2, 3, and 4 are each 268-foot-long truss spans. The truss spans have a total depth of 43 feet, constructed of dual simple span riveted steel trusses. Piers 3 and 4 are located in the main river supported on piles. Piers 2 and 5, located near the edges of the river are supported on spread footings. The existing abutments are seat type concrete abutments on spread footings. The bridge is a total of 49 feet wide with a curb-to-curb width of 40 feet providing two 12-foot traffic lanes plus shoulders. It has a raised sidewalk along the west edge of the deck.

Replacement Bridge

Two build alternatives are currently under consideration for the proposed project: replacing the bridge along the existing alignment or replacing the bridge immediately west of the existing alignment. No additional lanes are proposed in the project; the existing two lane bridge will be replaced with another two lane bridge.

The deck width on the new bridge will match the existing roadbed with two 12-foot-wide travel lanes and two 8-foot-wide shoulders for a curb to curb width of 40 feet. This roadway section is consistent with City and AASHTO standards for a facility of this type, and also matches the existing curb and gutter line along the North Coast Highway. South of the bridge there are sidewalks on each side of the street. However, north of the bridge there is only a sidewalk on the west side of the street. New bridges and streets constructed to the City standard would generally have 6-feet wide sidewalks on each side, and the HBP program would generally participate in two 6-feet wide sidewalks for a total sidewalk width of 12 feet on the bridge. To provide the necessary pedestrian circulation, to align with the sidewalk north of the bridge, and to address the project objectives of improving the user experience for pedestrians and optimizing views of scenic resources, a single 12-foot-wide sidewalk is proposed for the west side of the new bridge.

The bridge barriers and railings will meet current requirements for vehicular and pedestrian railings. On the west side of the bridge, an “inboard” vehicular barrier is proposed to separate vehicles from pedestrians. Placing the vehicular barrier between the cars and pedestrians provides more protection for pedestrians, improves safety, improves the user experience for pedestrians and allows the use of a light pedestrian railing at the edge of deck, which greatly improves views of the ocean and river.

The structure type for the bridge has not yet been determined. Structure types, span configurations, pier types and foundation types will be evaluated and finalized during the Structure Type Selection process. Structure Type Selection will start in the final design phase after the project is cleared environmentally. During the environmental phase, bridge advance planning studies will be developed, and will be used to evaluate environmental impacts.

For the purposes of evaluating the two alignment alternatives during the planning and environmental phase, a standard, Caltrans-style, cast-in-place, prestressed (CIP/PS) concrete box girder will likely be used as the "base-line" bridge. The actual bridge type chosen during final design may be different than the baseline bridge depending on various project objectives and other factors; however bridge type will not affect the overall environmental disturbance footprint studied in the technical studies and environmental document.

Utility Relocation

The following utilities are attached to the bridge:

- 12-inch gas line – attached to the lower portion of the truss along the east side of the bridge
- Two 12-inch waterlines – attached to the lower portion of the truss; one on the east and one on the west of the bridge
- 10-inch waterline – attached to the lower portion of the truss; along the west side of the bridge
- Electrical and telecommunications lines – attached under the top deck; along the west side of the bridge

There are also two sewer lines in the bridge vicinity, but not on the bridge, one runs down the center of The Coast Highway, and terminates approximately 40 feet south of the bridge and does not cross the San Luis Rey River. The second sewer line runs east-west under the bridge, along the north side of the San Luis Rey River.

The existing utilities currently supported by the existing bridge will be relocated onto the new bridge. These utilities will remain in service during construction. If the existing bridge is removed before the new bridge is constructed, the utilities can be relocated onto a temporary construction trestle. Once the new bridge is complete, the utilities will be relocated to their final locations in the new bridge.

Right-of-Way

The existing right-of-ways for the North Coast Highway are 74 feet wide north of the bridge and 80-feet wide south of the bridge. There may be additional permanent right-of-way required along the west side of the existing bridge during construction. This is dependent on the decision to keep traffic on the bridge during construction. There are also several areas identified as potential construction staging areas that may require temporary construction easements (TCEs) or encroachment permits from the California Department of Transportation (Caltrans). The following parcels are identified as potential staging areas:

- APN 143-010-15-00
- APN 143-040-45-00
- APN 143-040-55-00
- APN 143-090-18-00
- Portions of Caltrans Right-of-Way under Interstate 5 bridges over the San Luis Rey River

Detour Route

During construction of the replacement bridge along the existing alignment, the North Coast Highway will be closed between Costa Pacifica Way and Monterey Drive, except for local traffic trying to access commercial establishments. Traffic will be detoured at Harbor Drive and Neptune Way and will use

Pacific Street to bypass the construction site (**Figure 3**). The total detour length is approximately 1 mile to travel from one end of the closed bridge to the other on the city streets. Detailed detour signage plans will be reviewed and approved by the City's traffic engineer. City staff will provide Public Outreach brochures and meetings prior to construction to keep residents informed of the project.

Demolition and Construction Staging

Demolition of the existing bridge will be performed in accordance with the Caltrans Standard Specifications modified to meet environmental permit requirements. All concrete and other debris resulting from the demolition of the existing bridge will be removed from the project site and disposed of by the contractor. The construction contractor will prepare a bridge demolition plan.

Construction Activities

Construction will consist of the following activities:

- Tree removal, grubbing and clearing to accommodate the new bridge structure
- Excavating for the new bridge foundations (maximum of 10 feet to bottom of footing)
- Constructing the new bridge and approaches, including excavating for and placing asphalt concrete on each approach
- Remove the existing bridge

Table 1 provides a description of the type of equipment likely to be used during the construction of the proposed project.

Table 1. Construction Equipment

Equipment	Construction Purpose
drill rig	construction of drilled shaft foundations
backhoe	soil manipulation + drainage work
bobcat	fill distribution
bulldozer / loader	earthwork construction + clearing and grubbing
Crane	placement of precast girders
dump truck	fill material delivery
excavator	soil manipulation
front-end loader	dirt or gravel manipulation
grader	ground leveling
haul truck	earthwork construction + clearing and grubbing
roller / compactor	earthwork construction
truck with seed sprayer	landscaping
water truck	earthwork construction + dust control

Construction Schedule and Timing

Construction is currently scheduled to start in January 2019 and take approximately 18 to 24 months to complete.

Site and Vicinity Characteristics

North Coast Highway is a local collector road located within the City of Oceanside. The bridge currently carries vehicular and pedestrian traffic on the North Coast Highway over the San Luis Rey River. There is no curb-side on-street parking allowed on the bridge. The project site includes the existing North Coast Highway Bridge, which crosses the San Luis Rey River. There are utilities located on the upstream and downstream side of the existing bridge and include gas, water, and telecommunication lines.

The United States Geological Survey (USGS) 7.5-minute series quadrangle maps (Oceanside and San Luis Rey, 2012) indicates that the project area is approximately 9 feet above mean sea level. The topography near the site slopes from the northeast to the southwest.

According to the United States Department of Agriculture, Natural Resources Conservation Service's soil survey maps, there are fifteen soil types, and water, in the project area. The table below summarizes the soil types within a one-mile radius of the project site.

TABLE 1. SUMMARY OF SOIL TYPES

Soil Component Name	Hydraulic Group	Soil Drainage Class	Soil Surface Texture	Hydric Status
Tidal flats	Class D – Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.	Very poorly drained	Variable	All hydric
Huerhuero	Class D – Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.	Moderately well drained	Loam	Not hydric
Terrace escarpments	Class D – Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.	Not reported	Variable	Not hydric
Made Land	Class D – Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.	Not reported	Variable	Not hydric
Marina	Class B – Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.	Somewhat excessively drained	Loamy coarse sand	Not hydric
Tujunga	Class A – High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.	Somewhat excessively drained	Sand	Partially hydric

There is little to no potential for naturally-occurring asbestos (per the "General Location Map for Ultramafic Rocks"). The project site is not located near any of the areas identified as containing ultramafic rocks (California Department of Conservation, 2000).

Description of Structures, Road and Other Site Improvements

North Coast Highway has been in existence prior to 1939 (Environmental Database Resources, Inc. [EDR] Historic Aerial Photograph, 1939) and has remained in relatively the same alignment. The North Coast Highway bridge parallels I-5 across the San Luis Rey River. Prior to the construction of I-5 in the 1960s, the North Coast Highway bridge was the only crossing of the San Luis Rey River from the City of Oceanside.

This roadway is the main thoroughfare for local commuter traffic within the City of Oceanside to cross the San Luis Rey River. The general setting is urban with adjacent land uses consisting of recreational, commercial retail, residential and public facilities. The bridge currently carries vehicular and pedestrian traffic across the San Luis Rey River. There is no curb-side on-street parking allowed on the bridge.

Area Geology and Hydrogeology

The project site lies within the Peninsular Ranges geomorphic province of California. The Peninsular Ranges are underlain by an extensive Mesozoic-aged plutonic complex known as the Southern California batholith. The batholith contains hundreds of individual plutons that were intruded into pre-existing older rocks such as the Triassic Julian Schist and late Triassic-Jurassic gneissic and granitic rocks in the Cuyamaca-Laguna Mountain belt (Walawender, 2000). The intrusive rocks of the Southern California batholith consist largely of granitic and gabbroic rocks. Gabbroic rocks, which are relatively resistant to weathering, can be seen in stark contrast to the surrounding terrain at Cuyamaca Peak, Tecate Peak, Viejas Mountain, and Los Piños Mountain. Monzogranites, also resistant to weathering, can be seen on Lawson Peak in Jamul and Stonewall Peak in the Rancho Cuyamaca State Park. Tonalites, due to their faster weathering rates, can be seen as relatively lower, rolling terranes throughout the Peninsular Ranges.

The Peninsular Ranges were subject to regional uplift and erosion throughout the Tertiary Period. Continued erosion and downcutting of drainage courses through the Quaternary Period have resulted in the present topography. In general, trends of several of the major drainage courses that have developed appear to be controlled by ancient fractures or major joint systems within the crystalline bedrock. Drainages are underlain by thin to moderate thicknesses of sandy stream-deposited alluvium.

Hydrologic data collected from federal and state wells within a one-mile radius of the project site confirms that the groundwater flow in the project site flows generally to the east. The last recorded depth to groundwater in the vicinity of the project site was in 1965 and two wells were sampled. The depth to groundwater in these wells was 5 and 6 feet.

USER-PROVIDED INFORMATION

The City's intended use of the project site is to remove the existing structure, which has been determined to be structurally deficient and scour critical, and reconstruct with a bridge that will provide adequate and safe vehicle access; and that will be wider to meet current design standards for the traffic utilizing this roadway.

RECORD REVIEW

Environmental Records Review

County, State, and Federal listings were compiled and searched for this ISA by a nationwide regulatory agency database search company, EDR, and reviewed by DHA. The full EDR report is attached as Appendix A. Explanations of the federal and state listings/databases are provided in the portion of the EDR report entitled "Description of Databases Searched". The search radius distances are based on the minimum distances established by ASTM and commonly used for environmental site assessments. Findings in the County's Certified Unified Program Agency Database (CUPA), Drycleaners, Recycling Facilities in California (SWRCY), EDR US Historic Auto, and EDR US Historic Cleaners lists are not included in the summary below due to the very low potential impact of the listed sites.

Due to the long history of this densely developed area, findings within ¼ mile of the project site are considered to have potential impact. The primary databases with findings that may indicate potential impact to the construction of the proposed project are the Federal NPL, CERCLIS, and RCRA CORRACTS site listings, the San Diego Co. Site Assessment and Mitigation Program (SAM), Leaking Underground Storage Tank database (LUST), the Department of Toxic Substances Control's (DTSC's) Envirostor database, the Regional Water Quality Control Board (RWQCB) Spills, Leaks, and Investigation Cleanup cost recovery listing (SLIC), the Underground Storage Tank database (UST), the Statewide Environmental Evaluation and Planning System (SWEEPS UST), the Historical UST Registered Database (HIST UST), the Large and Small Quantity Generator (LQG and SQG) violation record, and the Hazardous Waste & Substance Sites listing (HIST CORTESE) and Notify 65.

Findings in the City's Certified Unified Program Agency Database (CUPA), Hazardous Waste Transporters (HWT), Drycleaners, and EDR US Historic Auto, EDR US Historic Cleaners lists are not included in the summary report due to the low potential effects of identified sites.

Significant findings are summarized in the following table.

Site Address and/or Business Name	Map ID	Location and Distance/ Direction from Project Site	Pertinent	Database(s) Status
MCB Camp Pendleton	REG	BLDG 22165 Camp Pendleton; 0.270 mi northwest	NPL, SEMS, CORRACTS, RCRA-TSDF, RCRA-LQG, LUCIS, US ENG CONTROLS, US INST CONTROL, ROD, RAATS, PRP	Final stage of NPL. RCRA-TSDF**:** Handler is engaged in the treatment, storage or disposal of hazardous waste
Carpenters Towing	A1	1501 N Coast Hwy; 0.187 mi north northwest	SLIC, San Diego Co. HMMD	SLIC case has been completed and closed effective 08/13/2013. San Diego Co HMMD: UST has been removed.
Carpenters Garage	A2	1501 N Coast Hwy; 0.187 mi north northwest	San Diego Co. SAM	Preliminary assessment of soils in 1992.

Site Address and/or Business Name	Map ID	Location and Distance/ Direction from Project Site	Pertinent	Database(s) Status
Carpenters Garage	A3	1501 Hill Street; 0.187 mi north northwest	SWEEPS UST	Not reported
Vern E Boe	4	1003 N Coast Hwy; 0.200 mi south southeast	RCRA-SQG, FINDS, HAZNET, ECHO	No violations reported for RCRA-SQG
Holiday Inn Express	B5	937 N Coast Hwy; 0.245 mi south southeast	San Diego Co. SAM	Closed case
Holiday Inn Express	B6	937 N Coast Hwy; 0.245 mi south southeast	LUST, SLIC, San Diego Co. HMMD	LUST: Completed - Case Closed effective 05/08/1996 SLIC: Completed - Case Closed effective: 02/05/2003
91191	C7	1601 N Hill Street; 0.248 mi north northwest	SWEEPS UST, HIST UST	There is no evidence to suggest that possible soil or groundwater contamination from the UST locations
Chevron/APSI 1815	C8	1601 N Coast Hwy; 0.248 mi north northwest	UST	There is no evidence to suggest that possible soil or groundwater contamination from the UST locations.
Chevron Station 9 11	C9	1601 N Hill Street; 0.248 mi north northwest	RCRA-SQG, LUST, FINDS, HIST CORTESE, ECHO	No violations reported for RCRA-SQG LUST: file discarded, case closed
Chevron 91191	C10	1601 N Coast Hwy; 0.248 mi north northwest	RCRA-LQG	No violations reported for RCRA-LQG
Chevron/APSI 1815	C11	1601 N Coast Hwy; 0.248 mi north northwest	LUST, SLIC, San Diego Co. HMMD	LUST: Completed - Case Closed effective 10/06/2003. SLIC: Completed - Case Closed effective 05/22/1995
Chevron/APSI 1815	C12	1601 N Coast Hwy; 0.248 mi north northwest	SAN DIEGO CO. SAM	Closed case effective 5/22/1995
Camp Pendleton – Mari	B13	San Clemente CA; 0.248 mi north northwest	FUDS	No additional information available
Camp Pendleton	A67	Orange County along border of San Diego County; 0.249 mi south	RESPONSE, ENVIROSTOR	No further action needed effective 03/05/2012
Mobil Harbor Drive	P163	477 Harbor Drive; 0.259 mi northwest	RCRA-SQG, LUST, San Diego Co. SAM, San Diego Co. HMMD, SWEEPS UST, HIST UST, FINDS, EMI, HIST CORTESE, ECHO	No violations reported for RCRA-SQG LUST: Completed - Case Closed effective 01/19/2010 SAM: Closed case effective 01/14/2010

Site Address and/or Business Name	Map ID	Location and Distance/ Direction from Project Site	Pertinent	Database(s) Status
Chevron	D16	1380 N Pacific St; 0.325 mi west southwest	SAN DIEGO CO. SAM, San Diego Co. HMMD, SWEEPS UST	SAM: Closed case effective 3/4/1987 HMMD: UST removed 01/12/1987
Chevron	D17	1380 N Pacific St; 0.325 mi west southwest	SLIC	SLIC: Completed - Case Closed effective 03/04/1987
Astleford Property	18	None 08th & Nevada; 0.349 mi southeast	SLIC	SLIC: Completed - Case Closed effective 03/12/1998
Hill Street Texaco	E19	801 N Coast Hwy; 0.366 mi south	San Diego Co. SAM	SAM: Closed case effective 9/29/1986
Hill Street Texaco	E20	801 N Coast Hwy; 0.366 mi south	LUST, SLIC	LUST: Completed - Case Closed effective 9/13/2002. SLIC: Completed - Case Closed effective 9/29/1986
Former Texaco Station	E21	801 Hill	LUST, HIST CORTESE	LUST: Administratively opened on database, however no file physically exists
Arco Facility #9749	E22	802 N Coast Hy; 0.370 mi south southeast	San Diego Co. SAM	SAM: Closed case effective 3/30/1988
Arco Facility #9749	E23	802 N Coast Hy; 0.370 mi south southeast	LUST, SLIC	LUST: Open – Remediation 05/15/2004. SLIC: Completed - Case Closed effective 03/30/1988
Thrifty #401	E24	802 Coast Hwy N; 0.375 mi south southeast	LUST, HIST CORTESE	LUST: Administratively opened on database, however no file physically exists
Chevron Service Station	25	1380 Pacific St N; 0.426 south southwest	LUST, HIST CORTESE	LUST: File discarded, case closed
Coast Savings and Loan	26	McNeil St; 0.441 east southeast	LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD, HIST CORTESE, Notify 65	LUST: Completed - Case Closed effective 01/16/1992 SAM: Completed - Case Closed effective 01/16/1992
Shell Oil Products S	27	601 Hill St; 0.469 mi south southeast	HIST CORTESE	No additional information available
Shell Oil Products S	28	601 Hill St N; 0.495 mi south southeast	LUST	There is no evidence to suggest that possible soil or groundwater contamination from the LUST location.

Site Address and/or Business Name	Map ID	Location and Distance/ Direction from Project Site	Pertinent	Database(s) Status
Seashell Oil and Chemical Co	29	423 N Cleveland St; 0.669 south southeast	ENVIROSTOR, LUST, SLIC, HIST UST, HIST CORTESE	ENVIROSTOR: No further action effective 05/08/1995 LUST: Open – Eligible for closure effective 06/23/2015 SLIC: Completed – Case Closed effective 12/05/2006
Oceanside Electric and Gas Co Plant	30	The Strand and 3rd; 0.778 mi south	EDR MGP	No additional information available
Oceanside High School Expansion	31	100 South Horne Street; 0.863 mi southeast	ENVIROSTOR, SCH	ENVIROSTOR: No further action effective 09/26/2001 SCH: No further action effective 09/26/2001
A.T & S.F Railroad	32	117 Cleveland; 0.941 mi south southeast	ENVIROSTOR, LUST, SAN DIEGO CO. SAM, SLIC, San Diego Co. HMMD, SWEEPS UST, HIST CORTESE, Notify 65	ENVIROSTOR: Local agency referral on 11/22/2000 LUST: Completed – Case Closed effective 12/30/1993 SAM: Closed Case effective 12/30/1993 SLIC: Completed – Case Closed effective 09/27/1999 for soil and 10/09/2003 for groundwater There is no evidence to suggest that possible soil or groundwater contamination from the UST location.
Texaco (Former)	33	1444 Mission Avenue; 0.965 mi east southeast	ENVIROSTOR, LUST, SAN DIEGO CO. SAM, SLIC, San Diego Co. HMMD, HIST CORTESE	ENVIROSTOR: Local agency referral on 11/22/2000 LUST: Completed – Case Closed effective 02/25/1997 SAM: Closed Case effective 02/25/1997 for impacted drinking water aquifer and 11/09/2004 for soils SLIC: Completed – Case Closed effective 11/09/2004

Summary of Record Review Findings

The following facility of concern was identified within one-half to one mile of the project site.

Camp Pendleton Marine Corps Base- Active Superfund site (Final NPL); Federal CERCLIS list (SEMS); Federal RCRA CORRACTS facilities; Federal RCRA non-CORRACTS TSD facilities; Federal institutional controls/engineering controls registries (LUCIS, US ENG CONTROLS, US INST CONTROL); State- and tribal –equivalent NPL (RESPONSE); Other Ascertainable Records (FUDS, DOD, and ROD)

The Camp Pendleton Marine Corps Base encompasses approximately 125,000 acres in San Diego County, California. The installation is bordered by the City of San Clemente to the north, the City of Oceanside to the south, and the City of Fallbrook to the east. The base has served as a training base since its establishment in 1941. Industrial and other support operations have generated hazardous wastes, including waste oils, contaminated fuels and other petroleum products, cleaning solvents, and pesticide rinsate. Camp Pendleton is participating in the Installation Restoration Program (IRP), established in 1978.

Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. As part of IRP studies, the Navy identified a number of potentially contaminated areas, including eight areas where wastes containing DDT, heptachlor, 2,4-T, lindane, inc, lead, trichloroethylene, methyl ethyl ketone, benzene, and xylene had been deposited. Other potential contaminants of concern (COCs) include explosives (UXO, MEC Munitions Debris (MD).

Ground water is shallow, averaging 7-14 feet deep, and soils are permeable, conditions that facilitate movement of contaminants into ground water. Groundwater and soils are contaminated with volatile organic compounds (VOCs), spent oils, fuels, polychlorinated biphenyls (PCBs), pesticides, metals and herbicides. Though groundwater provides drinking water to the entire installation, the current drinking water supply is within drinking water standards. The 40,000 people living and working on the base obtain drinking water from wells within 3 miles of hazardous substances on the base. The nearest well is within 1,320 feet of one of the disposal areas.

San Margarita River, Las Flores Creek, and San Mateo Creek empty into coastal wetlands within 2 miles of Camp Pendleton. Surface waters within 3 miles downstream are used for recreational activities. Critical habitats for three birds designated as endangered by the U.S. Fish and Wildlife Service are within 1 mile of the camp. The Marine Corps has completed a site inspection and is about to start planning for a remedial investigation/feasibility study (RI/FS) to determine the type and extent of contamination at the base and identify alternatives for remedial action.

Currently the San Luis Rey River basin is not contaminated with hazardous materials from base operation, and does not have the potential to impact the soils or groundwater of the project site.

Federal RCRA 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 RCRA. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per

month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/09/2015 has revealed that there is 1 RCRA-LQG site within approximately 1/4 mile of the target property. No violations have been reported for this site.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 2 RCRA-SQG sites within approximately 1/4 mile of the target property. No violations have been reported at any of the sites.

Based on the status of each site's violation record, the listed LQG and SQG sites do not have the potential to impact the soils or groundwater of the project site.

State- and tribal- equivalent CERCLIS (ENVIROSTOR)

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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 (NPL); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 02/01/2016 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property. Three of the five sites, Camp Pendleton, Seashell Oil and Chemical Company, and Oceanside High School Expansion all report no further action. The potential COCs at Camp Pendleton included explosives (UXO, MEC Munitions Debris (MD); COCs at Seashell Oil and Chemical Company included TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Acetone Methylene chloride Methyl ethyl ketone (2-Butanone). COCs were not specified or found at Oceanside High School Expansion.

The remaining 2 sites, A.T & S.F Railroad and a former Texaco, have 1248 local agency referrals and no information was specified for the potential COCs.

Based on the status of each site, the listed EnviroStor sites do not have the potential to impact the soils or groundwater of the project site.

State and tribal leaking storage tank lists (San Diego Co. SAM)

San Diego Co. SAM contains listings for 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. A review of the San Diego Co. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 8 San Diego Co. SAM sites within approximately 0.5 miles of the target property.

7 of the 8 sites are closed cases and include the Holiday Inn Express, Chevron/APSI 1815, Mobil Harbor Drive, Chevron, Hill Street Texaco, Arco Facility #9749 and Coast Savings & Loan. The remaining site, Carpenters Garage is under a preliminary assessment since 1992. No other information is available for this site.

Based on the status of each site and limited information on one of the sites, the listed San Diego Co. SAM sites do not have the potential to impact the soils or groundwater of the project site.

State and tribal leaking storage tank lists (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 03/14/2016 has revealed that there are eleven (11) CA LUST sites within approximately 1/2 mile of the target property.

Five of the 11 sites are closed cases and include Holiday Inn Express, Chevron/APSI 1815, Hill Street Texaco, Chevron Service Station, and Coast Savings and Loans.

One of the sites, Arco Facility #9749, is open and remediation is taking place as of 05/15/2014. The potential media affected in this case is groundwater (uses other than drinking water) and soil and the potential contaminant of concern is gasoline. A phase II property investigation indicated that a release had occurred at the site. Several borings and monitoring wells were installed at the site to investigate the extent of hydrocarbon impacted soil and groundwater. The assessment is ongoing.

A second site, Mobil Harbor Drive, is open and eligible for closure as of 06/26/2014. The potential media affected in this case is groundwater (uses other than drinking water) and the potential contaminant of concern is gasoline. The following text is derived from the online database Geotracker and provides a summary of the history of the site (more detailed history is provided in the attached EDR report). This site is currently an active gas station. This case was opened in April 1984 due to a leaking fuel line noted as part of a failed precision test. From 1984 to 2014, 31 groundwater monitoring wells (including remediation extraction wells) were installed, at which time the groundwater plume was delineated. An LPH removal system was installed in June 1985 which recovered fuel MW-3. In 1991 fuel was also recovered from MW- 1 with a Flexible Axial Peristaltic (FAP) pump. In December 1995 a Soil Vapor Extraction (SVE) system was installed which recovered 9,524 pounds of hydrocarbons. In October 2001, an on-site and offsite (Del Taco west of the site across Carmelo Drive) soil gas survey was conducted. The results indicated an excess cancer risk of 2.67 x 10-10 (onsite) and 3.32 x 10-10 (offsite) which is less than the DEH threshold one in a million excess cancer risk for benzene. On September 2003, a Corrective Action Plan (CAP) was submitted and approved for Dual Phase Extraction (DPE). The DPE system was in operation from 2006 – 2012. In December 200 a 72-hour DPE event extracted 614 pounds of hydrocarbons and 8,100 gallons of groundwater. Between 2004 and 2008 a combination of SVE and DPE events occurred. Overall, 6,338 gallons of fuel hydrocarbons have been removed from the subsurface. LPH has been levels in impacted wells (MW-1, MW-6, MW-27, MW-29 & MW-30) have decreased. Moreover, the LPH plume has only been limited to those sex wells suggesting it is non-mobile. The consultant states that approximately 1,483 cubic yards of soil remain on site with over 100 mg/kg TPHg. This soil is located in the area on the northeast portion of the site at a depth of 5’-35’ bgs. A small portion of contaminated soil is also noted on the west side of the property limited the area around RW-1 at 25’-35’ bgs. DEH concurs with the consultant’s conclusions and approves case closure.

Permit # DEH2016-LMWP-002292 was issued by DEH for destruction of the 31 wells associated with the site.

The remaining 4 sites, Chevron Station 911, former Texaco Station, Thrifty #401, and Shell Oil Products Service Station, all have preliminary site assessments underway for soil and groundwater contaminated by gasoline.

Based on review of the available data posted on the SWRCB GeoTracker website for the LUST facilities, and the location of the facilities, contaminations from the identified LUST sites have a very low potential to impact the soils or groundwater of the project site.

State and tribal leaking storage tank lists (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 03/14/2016 has revealed that there are 7 CA SLIC sites within approximately 1/2 mile of the target property.

All 7 sites are completed and the cases are closed. The sites include Carpenters Towing, Holiday Inn Express, Chevron/APSI 1815, Chevron, Astleford Property, Hill Street Texaco, and Arco Facility #9749. Carpenters Towing and the Holiday Inn Express potentially contaminated soil with waste oil/motor/hydraulic/lubricating fluids. Both cases were closed in 2013 and 1996, respectively. The Chevron/APSI 1815, Chevron, Hill Street Texaco, and Arco Facility #9749 potentially contaminated soil and groundwater (uses other than drinking) with gasoline. These cases were closed in 2003, 1987, 2002, and 2014, respectively. There is no information on potential media affected or the COCs for the Astleford Property but the case was closed in 1998.

Based on review of the available data posted on the SWRCB GeoTracker website and the completed status of the SLIC facilities, soil or groundwater contamination from the identified SLIC sites do not have potential to impact the soil of the project site.

USTs and ASTs

Three storage tank sites within a ¼ mile radius of the project site are recorded in the UST, SWEEPS UST, and HIST UST. Although historical UST closures and/or removals are generally undocumented, there is no evidence to suggest that possible soil or groundwater contamination from the UST locations.

Other Ascertainable Records (HIST CORTESE)

The sites for the HIST CORTESE list are designated by the SWRCB [LUST], the Integrated Waste Board [SWF/LS], and the DTSC [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 seven CA HIST CORTESE sites within approximately 1/2 mile of the target property.

Based on our review of the available data posted on the SWRCB GeoTracker website and other available information provided by the EDR record search regarding this facility, all cases, with the exception of Mobil Harbor Drive which is eligible for closure, have been closed. No evidence was identified to suggest that possible soil or groundwater contamination from the HIST CORTESE sites may impact on the project site.

Other Ascertainable Records (Notify 65)

Notify 65 provides listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency. A review of the Notify 65 list, as provided by EDR, and dated 09/10/2015 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property. These sites include Coast Savings and Loan and A.T. & S.F. Railroad. No data is reported for either of these facilities.

Based on our review of the available data posted on the SWRCB GeoTracker website and other available information provided by the EDR record search regarding these facilities, all cases have been closed. No evidence was identified to suggest that possible soil or groundwater contamination from the Notify 65 sites may impact on the project site.

EDR High Risk Historical Records (EDR MGP)

The EDR Proprietary Manufactured Gas Plant (MGP) 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. A review of the EDR MGP list, as provided by EDR, has revealed that there is one EDR MGP site within approximately 1 mile of the target property.

There is no additional information provided on this site, however based on the location of the facility and the direction of groundwater flow, any potential contamination from the MGP site is unlikely to impact the soils or groundwater of the project site.

Orphan Sites

Based on insufficient address information or other site identification issues, six orphan sites were identified within a one-mile radius of the project site. The only site with a potential impact based on database classification is the San Onofre Nuclear Generating Station for SLIC.

Based on our review of the available information provided by the EDR record search, no evidence was identified to suggest that possible soil or groundwater contamination from the orphan site.

Historical Use Information

The objective of reviewing historical use information is to develop a history of previous land uses in the vicinity of the project area and to assess these uses for potential hazardous materials impacts that may affect the project. Historical sources were reviewed up till 1893 that were readily available and reviewable and likely to provide useful information, given the time and cost constraints inherent in ISA projects. Based on topographic maps and aerial photographs, the historical land use in the project vicinity transitioned from the small ocean community of Oceanside surrounded by open space in 1893 to the predominantly urban residential and commercial City of Oceanside by 1939.

Historical Topographic Maps

Historical topographic maps of the project site were requested from EDR. Nine maps were available from the USGS of the project from 1893 to 2012. These maps depicted the North Coast Highway alignment and surrounding area. According to these maps, the alignment of North Coast Highway has remained stationary since its construction prior to 1939 (Appendix B).

Fire Insurance Maps

Fire insurance maps are produced by private fire insurance companies to indicate uses of the project area on specified dates. Fire insurance maps were requested from EDR, the copyright holder for the Sanborn map collection. EDR reported that no Sanborn fire insurance map coverage exists for the project site (Appendix C).

Historical Aerial Photographs

Historical aerial photographs are valuable for the environmental assessor to review features of properties along the project corridor over a long period of time. Historical aerial photographs were reviewed from EDR. Fourteen (14) historical aerial photographs were reviewed from 2012 back to 1939, with the longest gap in coverage being 11 years (between 1953 and 1964 and between 1994 and 2005). The 1939 and each subsequent photograph show the North Coast Highway and the San Luis Rey River in their current alignment, and the existing bridge. Land use within the vicinity of the project locations has remained relatively unchanged since 1939 with the continued expansion of the City of Oceanside.

Environmental Liens and Additional Information

No information regarding the chain-of-title ownership history or environmental liens recorded against the project site was provided by the user. Environmental lien searches were not conducted as part of the scope of work for this project.

SITE RECONNAISSANCE

Reconnaissance of the project site was performed on November 4, 2016 by Ninyo and Moore and on February 16, 2017 by DHA. The weather during both site visits was sunny and clear, and the site was accessible from public locations. DHA was able to observe the exterior of the bridge and portion of the immediately adjacent properties that border the project site. The perimeter of the project site was observed for current land uses. As described previously, the project site crosses the San Luis Rey River. Based on the results of the records review and reconnaissance, potential RECs were not observed on the project site. Photographs of the site are included in **Appendix D** and an Initial Site Assessment Checklist, which was prepared during the reconnaissance survey, is attached in **Appendix E**.

Adjacent properties were then observed for current land uses. Properties surrounding the project site consist primarily of hotels, motels, and inns. Based on the results of the records review and reconnaissance, potential RECs were not observed on adjacent properties.

The North Coast Highway Bridge is painted; no creosote treated timber or asbestos containing materials were observed. However, the existing expansion joint material in the bridge may contain asbestos.

Utilities and Polychlorinated Biphenyls (PCBs)

Several utilities run through the project site, including a 12-inch gas line and 12-inch water line attached to the lower portion of the truss along the east side of the bridge, a 12-inch and a 10-inch water line attached to the lower portion of the truss along the west side of the bridge, and electrical and telecommunication lines attached under the top deck along the west side of the bridge. There are no overhead utilities located within the project area. No large power substations or step-down transformers, which are known to contain PCBs, were noted. No spills or hazardous materials response events related to transformers were noted in the EDR report.

DATA GAP ANALYSIS

The ASTM E 1527-05 standard requires a listing of "data gaps" encountered during the investigative process that may affect the validity of the conclusions drawn by the environmental professional. The ASTM E 1527-05 standard also requires that the environmental professional estimate the relative importance of the data gaps. Generally, gaps in available data are related to the availability of historical data sources for specific sites of concern. The environmental professional uses multiple historical data sources as a method to provide coverage for data gaps. Historical information is collected on a recurring basis, and the passage of time between data sets may or may not constitute a significant gap in data coverage. For this project, the following items may constitute a data gap as defined by ASTM:

- Absence of Sanborn fire insurance maps
- Absence of aerial photography prior to 1939
- Absence of USGS topography map between 1901 and 1947.

The inability to obtain and review the above data do not appear to present significant data gaps because of the presence of other supporting historical information and the limited development in the area prior to 1967.

FINDINGS AND CONCLUSIONS

The ISA was performed in general conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described previously in this report. Information presented in this ISA will be used as the basis for expanded assessments to evaluate and mitigate hazardous material issues within the final ESL. Potential RECs as defined in ASTM Practice E 1527-05 observed during a site visit or by the EDR record search in connection with the project site shall be avoided, minimized, or mitigated.

Asbestos and Lead

Based on the results of the records review and reconnaissance, potential asbestos containing materials (ACMs) were not observed on the project site. However, presence of potential ACMs within the existing bridge structure is unknown. This ISA does not include verification of RECs or other environmental issues (such as ACMs and LBP) based upon environmental sampling and laboratory analysis. Should RECs or other environmental issues (such as potentially friable ACMs or LBP) be present within the existing

bridge, such issues should be mitigated prior to renovation or demolition and would be addressed by the County under separate assessment(s). An REC, as defined by ASTM, would not include ACMs and LBP, as these are typical construction waste management issues.

New uses of ACMs were banned by the EPA in 1989. Revisions to regulations issued by OSHA on June 30, 1995, require that all thermal systems insulation, surfacing materials, and resilient flooring materials installed prior to 1981 be considered Presumed Asbestos Containing Materials (PAC) and treated accordingly. In order to rebut the designation as PAC, OSHA requires that these materials be surveyed, sampled, and assessed in accordance with 40 CFR 763 (Asbestos Hazard Emergency Response Act [AHERA]). ACM have also been documented in the rail shim sheet packing, bearing pads, support piers, and expansion joint material of bridges. The Caltrans Historic Bridge Inventory indicates that the North Coast Highway bridge over the San Luis Rey River was built in 1929 and reconstructed in 1971. On November 4, 2016, Ninyo & Moore collected 15 bulk samples of building materials on the Hill Street Bridge that are scheduled for demolition and that were suspected to be asbestos-containing (**Appendix G**). Based on the analytical results from this survey, ACMs are located within the Hill Street Bridge.

Lead has been used in commercial, residential, roadway, and ceramic paint; in electric batteries and other devises; as a gasoline additive; for weighting; in gunshot; and other purposes. It is recognized as toxic to human health and the environment and is widely regulated in the United States. Structures constructed prior to 1978 are presumed to contain lead-based paint unless proven otherwise, although buildings constructed after 1978 may also contain lead-based paints. Due to the construction age of the existing structure, the presence of pavement striping and thermoplastic paint on roadways may also be of concern due to the possible use of lead-based paint. In addition to sampling for ACMs, Ninyo & Moore also had the samples analyzed for the presence of lead. Based on the results of the XRF assays collected, surfaces containing concentrations of lead were identified.

Aerially Deposited Lead (ADL)

Aerially Deposited Lead (ADL) is commonly present adjacent to heavily traveled roadways in service prior to 1987 as lead has been used as a gasoline additive prior to this time. Based on our review of air photos and topographical maps, North Coast Highway was historically, a major collector route across the San Luis Rey River within the City of Oceanside and is immediately adjacent to the heavily traveled I-5 route. Although unlikely, it is possible lead contaminated soils exceeding action levels may be encountered during project construction.

RECOMMENDATIONS

Health and Safety Plans

Health and safety considerations for construction workers and the general public must be taken into account during development of a Health and Safety Plan (HASP) for the project. The following actions are recommended:

- The Construction contractor will prepare and implement a HASP for the project. The HASP should describe appropriate procedures to follow in the event that any contaminated soil or groundwater is encountered during construction activities. Any unknown substances should be

tested, handled and disposed of in accordance with appropriate federal, state and local regulations.

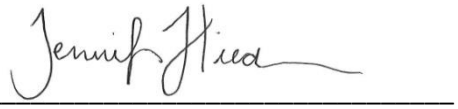
Asbestos and Lead Containing Materials

The following actions are recommended for handling and disposal of asbestos and lead containing materials during the Plans, Specifications & Estimate (PS&E) phase:

- Prior to bridge demolition activities, a licensed asbestos abatement contractor should remove ACMs in accordance with federal, state and local regulations.
- Should additional ACMs be uncovered during bridge demolition, the following is recommended:
    - samples of suspect materials should be collected for laboratory analysis, and all activities that may impact the materials should cease until results are reviewed, and;
    - the materials should be assumed to be asbestos-containing and handled as such.
- Building materials associated with lead should be abated by a California licensed lead abatement contractor, using CDPH-certified personnel, and disposed of as a hazardous waste.
- A Lead Compliance Plan should be prepared by the contractor for the disposal of lead based paint.
- The contractor should perform ADL soil testing or assume presence and the soil will be abated by a California Licensed abatement contractor and disposed of as a hazardous waste.

QUALIFICATION OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in Section 312.10 of 42 Code of Federal Regulations [C.F.R.] Part 312. This ISA was conducted under the supervision of a qualified environmental professional. The preceding report has been prepared in general conformance with standard industry practice for performance of Environmental Site Assessments and includes the applicable portions of the investigation procedures codified in ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Environmental Site Assessment Process. The end user of this report may rely on the contents, findings, and conclusions to be accurate within the limitations stated in this report and in the ASTM standard. The report also complies with specific requirements supplied by the client.



Qualified Environmental Professional
Jennifer Hildebrandt, M.S.
Environmental Coordinator

Qualifications of Environmental Professional

This ISA was performed by Jennifer Hildebrandt, DHA's qualified environmental professional, as defined by ASTM Practice E 1527-05, has over 5 years of experience in the assessment of impacted properties and compliance with environmental regulations. She has a Masters of Science Degree in Environmental Management from the University of San Francisco and a Bachelors of Science in Anthropology from the University of California, Davis.

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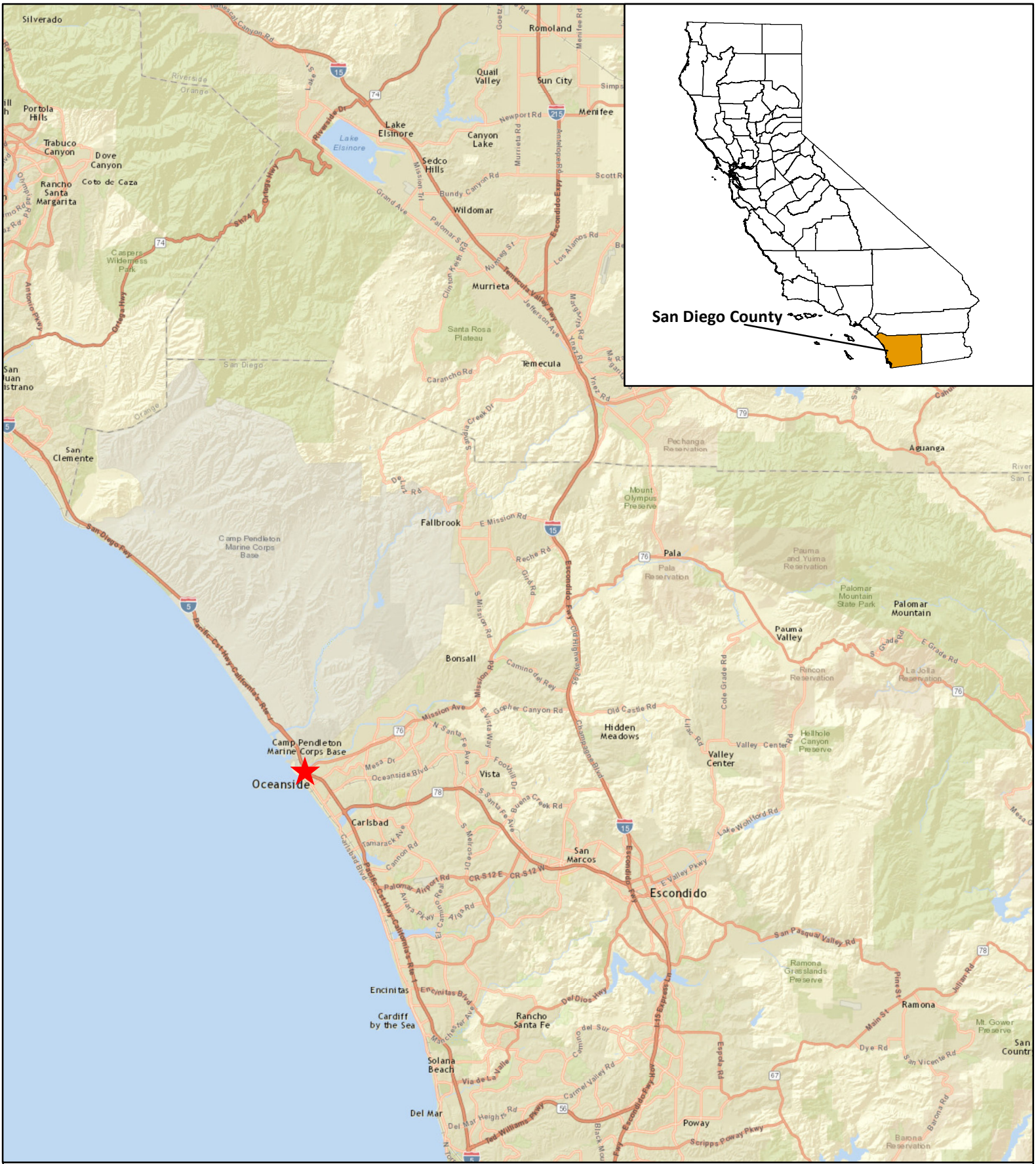
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Ninyo & Moore. 2017. Hazardous Materials Testing Services Hill Street Bridge North Coast Highway. Oceanside, CA.

APPENDIX A

FIGURES


San Diego County
Project Location - Hill Street Bridge
0 2 4 8 Miles
Source: ESRI Online Basemap, Aerial Imagery, San Diego County Coordinate System NAD 83
State Plane California VI FIPS 0406 Feet; DHA, 2015
Notes: This map was created for informational and display purposes only
Project Name:
Coast Highway (Hill Street) over San Luis Rey River Bridge (57C-0322) Replacement Project
City of Oceanside, California
Regional Location
Figure 1



★ Project Location - Hill Street Bridge

0 87.5 175 350 Feet

Source: ESRI Online Basemap, Aerial Imagery, San Diego County Coordinate System NAD 83
State Plane California VI FIPS 0406 Feet; DHA, 2015
Notes: This map was created for informational and display purposes only

Project Name:
Coast Highway (Hill Street) over San Luis Rey River Bridge (57C-0322) Replacement Project
City of Oceanside, California

Project Location

Figure 2



Legend

STOP Road Closed

North Coast Highway Bridge

Detour Route

0 175 350 700 Feet

Source: ESRI Online Basemap, Aerial Imagery, San Diego County Coordinate System NAD 83
State Plane California VI FIPS 0406 Feet; DHA, 2015
Notes: This map was created for informational and display purposes only

Project Name:
North Coast Highway (Hill Street) over San Luis Rey River Bridge (57C-0322) Replacement Project
City of Oceanside, California

Detour Route

Figure 3

APPENDIX B

EDR RECORD

North Coast Highway Hill Street Bridge
Hill Street
Oceanside, CA 92054

Inquiry Number: 4640619.2s
June 07, 2016

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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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

HILL STREET
OCEANSIDE, CA 92054

COORDINATES

Latitude (North):	33.2063590 - 33° 12' 22.89''
Longitude (West):	117.3851670 - 117° 23' 6.60''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	464102.4
UTM Y (Meters):	3674038.5
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641306 OCEANSIDE, CA
Version Date:	2012
East Map:	5641318 SAN LUIS REY, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
HILL STREET
OCEANSIDE, CA 92054

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	CAMP PENDLETON MARIN		DOD	Same	1289, 0.244, NW
Reg	MCB CAMP PENDLETON	BLDG 22165 CAMP PEND	NPL, SEMS, CORRACTS, RCRA-TSDF, RCRA-LQG, LUCIS,...	Same	1426, 0.270, NW
A1	CARPENTERS TOWING	1501 N COAST HWY	SLIC, San Diego Co. HMMD	Higher	987, 0.187, NNW
A2	CARPENTERS GARAGE	1501 N COAST HY	SAN DIEGO CO. SAM	Higher	987, 0.187, NNW
A3	CARPENTERS GARAGE	1501 N HILL ST	SWEEPS UST	Higher	987, 0.187, NNW
4	VERN E BOE	1003 N COAST HWY	RCRA-SQG, FINDS, HAZNET, ECHO	Higher	1054, 0.200, SSE
B5	HOLIDAY INN EXPRESS	937 N COAST HY	SAN DIEGO CO. SAM	Higher	1296, 0.245, SSE
B6	HOLIDAY INN EXPRESS	937 N COAST HY	LUST, SLIC, San Diego Co. HMMD	Higher	1296, 0.245, SSE
C7	91191	1601 N HILL ST	SWEEPS UST, HIST UST	Higher	1308, 0.248, NNW
C8	CHEVRON/APSI 1815	1601 N COAST HWY	UST	Higher	1308, 0.248, NNW
C9	CHEVRON STATION 9 11	1601 N HILL ST	RCRA-SQG, LUST, FINDS, HIST CORTESE, ECHO	Higher	1308, 0.248, NNW
C10	CHEVRON 91191	1601 N COAST HWY	RCRA-LQG	Higher	1308, 0.248, NNW
C11	CHEVRON/APSI 1815	1601 N COAST HY	LUST, SLIC, San Diego Co. HMMD	Higher	1308, 0.248, NNW
C12	CHEVRON/APSI 1815	1601 N COAST HY	SAN DIEGO CO. SAM	Higher	1308, 0.248, NNW
B13	CAMP PENDLETON- MARI		FUDS	Higher	1310, 0.248, South
B14	CAMP PENDLETON	IN ORANGE COUNTY, AL	RESPONSE, ENVIROSTOR	Higher	1313, 0.249, South
15	MOBIL HARBOR DRIVE	477 HARBOR DRIVE	RCRA-SQG, LUST, SAN DIEGO CO. SAM, San Diego Co....	Higher	1370, 0.259, NW
D16	CHEVRON	1380 N PACIFIC ST	SAN DIEGO CO. SAM, San Diego Co. HMMD, SWEEPS UST	Higher	1718, 0.325, WSW
D17	CHEVRON	1380 N PACIFIC ST	SLIC	Higher	1718, 0.325, WSW
18	ASTLEFORD PROPERTY	NONE 08TH & NEVADA	SLIC	Higher	1842, 0.349, SE
E19	HILL STREET TEXACO	801 N COAST HY	SAN DIEGO CO. SAM	Higher	1931, 0.366, South
E20	HILL STREET TEXACO	801 N COAST HY	LUST, SLIC	Higher	1931, 0.366, South
E21	FORMER TEXACO STATIO	801 HILL	LUST, HIST CORTESE	Higher	1931, 0.366, South
E22	ARCO FACILITY #9749	802 N COAST HY	SAN DIEGO CO. SAM	Higher	1952, 0.370, SSE
E23	ARCO FACILITY #9749	802 N COAST HY	LUST, SLIC	Higher	1952, 0.370, SSE
E24	THRIFTY #401	802 COAST HWY N	LUST, HIST CORTESE	Higher	1978, 0.375, SSE
25	CHEVRON SERVICE STAT	1380 PACIFIC ST N	LUST, HIST CORTESE	Higher	2249, 0.426, WSW
26	COAST SAVINGS & LOAN	MCNEIL ST	LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD, HIST...	Higher	2327, 0.441, ESE
27	SHELL OIL PRODUCTS S	601 HILL	HIST CORTESE	Higher	2474, 0.469, SSE
28	SHELL OIL PRODUCTS S	601 HILL ST N	LUST	Higher	2615, 0.495, SSE
29	SEASHELL OIL & CHEMI	423 N CLEVELAND ST	ENVIROSTOR, LUST, SLIC, HIST UST, HIST CORTESE	Higher	3533, 0.669, SSE
30	OCEANSIDE ELECTRIC A	THE STRAND AND 3RD	EDR MGP	Higher	4106, 0.778, South
31	OCEANSIDE HIGH SCHOO	100 SOUTH HORNE STRE	ENVIROSTOR, SCH	Higher	4554, 0.863, SE
32	A.T. & S.F. RAILROAD	117 CLEVELAND	ENVIROSTOR, LUST, SAN DIEGO CO. SAM, SLIC, San...	Higher	4969, 0.941, SSE
33	TEXACO(FORMER)	1444 MISSION AVENUE	ENVIROSTOR, LUST, SAN DIEGO CO. SAM, SLIC, San...	Higher	5097, 0.965, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA generators list

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

Federal ERNS list

ERNS ---------- Emergency Response Notification System

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

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
AST ---------- Aboveground Petroleum Storage Tank Facilities

INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---- Historical Calsites Database
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
San Diego Co. HMMD ---- Hazardous Materials Management Division Database
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST ---- Facility Inventory Database

Local Land Records

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

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ---- RCRA - Non Generators / No Longer Regulated

SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
UIC	UIC Listing
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto	EDR Exclusive Historic Gas Stations

EDR Hist Cleaner..... EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 03/07/2016 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCB CAMP PENDLETON	***BLDG 22165 CAMP PEND***	***NW 1/4 - 1/2 (0.270 mi.)***	***0***	***8***

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 03/07/2016 has revealed that there is 1 SEMS

site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCB CAMP PENDLETON	*BLDG 22165 CAMP PEND*	*NW 1/4 - 1/2 (0.270 mi.)*	*0*	*8*

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 12/09/2015 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCB CAMP PENDLETON	*BLDG 22165 CAMP PEND*	*NW 1/4 - 1/2 (0.270 mi.)*	*0*	*8*

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 12/09/2015 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
MCB CAMP PENDLETON	*BLDG 22165 CAMP PEND*	*NW 1/4 - 1/2 (0.270 mi.)*	*0*	*8*

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 12/09/2015 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON 91191	1601 N COAST HWY	NNW 1/8 - 1/4 (0.248 mi.)	C10	130

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 12/09/2015 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VERN E BOE	*1003 N COAST HWY*	*SSE 1/8 - 1/4 (0.200 mi.)*	*4*	*120*
CHEVRON STATION 9 11	*1601 N HILL ST*	*NNW 1/8 - 1/4 (0.248 mi.)*	*C9*	*127*

Federal institutional controls / engineering controls registries

LUCIS: LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

A review of the LUCIS list, as provided by EDR, and dated 05/28/2015 has revealed that there is 1 LUCIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCB CAMP PENDLETON	*BLDG 22165 CAMP PEND*	*NW 1/4 - 1/2 (0.270 mi.)*	*0*	*8*

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 09/10/2015 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCB CAMP PENDLETON	*BLDG 22165 CAMP PEND*	*NW 1/4 - 1/2 (0.270 mi.)*	*0*	*8*

US INST CONTROL: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 09/10/2015 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCB CAMP PENDLETON	*BLDG 22165 CAMP PEND*	*NW 1/4 - 1/2 (0.270 mi.)*	*0*	*8*

State- and tribal - equivalent NPL

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

A review of the RESPONSE list, as provided by EDR, and dated 02/01/2016 has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMP PENDLETON Status: No Further Action Facility Id: 80000919	***IN ORANGE COUNTY, AL***	***S 1/8 - 1/4 (0.249 mi.)***	***B14***	***140***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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 ENVIROSTOR list, as provided by EDR, and dated 02/01/2016 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMP PENDLETON Facility Id: 80000919 Status: No Further Action	***IN ORANGE COUNTY, AL***	***S 1/8 - 1/4 (0.249 mi.)***	***B14***	***140***
SEASHELL OIL & CHEMI Facility Id: 37510121 Status: No Further Action	***423 N CLEVELAND ST***	***SSE 1/2 - 1 (0.669 mi.)***	***29***	***185***
OCEANSIDE HIGH SCHOO Facility Id: 37820001 Status: No Further Action	***100 SOUTH HORNE STRE***	***SE 1/2 - 1 (0.863 mi.)***	***31***	***195***
A.T. & S.F. RAILROAD Facility Id: 37400002 Status: Refer: 1248 Local Agency	***117 CLEVELAND***	***SSE 1/2 - 1 (0.941 mi.)***	***32***	***197***
TEXACO(FORMER) Facility Id: 37550003 Status: Refer: 1248 Local Agency	***1444 MISSION AVENUE***	***ESE 1/2 - 1 (0.965 mi.)***	***33***	***202***

State and tribal leaking storage tank lists

SAN DIEGO CO. SAM: 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.

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 8 SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CARPENTERS GARAGE Case Number: H23779-001 Facility Status: Preliminary Assessment	1501 N COAST HY	NNW 1/8 - 1/4 (0.187 mi.)	A2	119
HOLIDAY INN EXPRESS Case Number: H35623-001 Case Number: H35623-002 Facility Status: Closed Case	937 N COAST HY	SSE 1/8 - 1/4 (0.245 mi.)	B5	123
CHEVRON/APSI 1815 Case Number: H05734-001 Case Number: H05734-002 Facility Status: Closed Case	1601 N COAST HY	NNW 1/8 - 1/4 (0.248 mi.)	C12	139
MOBIL HARBOR DRIVE Case Number: H12750-001 Case Number: H12750-002 Facility Status: Remedial Action (Clean-Up) Facility Status: Closed Case	***477 HARBOR DRIVE***	***NW 1/4 - 1/2 (0.259 mi.)***	***15***	***142***
CHEVRON Case Number: H21417-001 Facility Status: Closed Case	***1380 N PACIFIC ST***	***WSW 1/4 - 1/2 (0.325 mi.)***	***D16***	***166***
HILL STREET TEXACO Case Number: H12248-001 Case Number: H12248-002 Case Number: H12248-003 Facility Status: Closed Case	801 N COAST HY	S 1/4 - 1/2 (0.366 mi.)	E19	169
ARCO FACILITY #9749 Case Number: H05539-001 Case Number: H05539-002 Facility Status: Remedial Investigation Facility Status: Closed Case	802 N COAST HY	SSE 1/4 - 1/2 (0.370 mi.)	E22	172
COAST SAVINGS & LOAN Case Number: H26584-001 Facility Status: Closed Case	***MCNEIL ST***	***ESE 1/4 - 1/2 (0.441 mi.)***	***26***	***181***

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 LUST list, as provided by EDR, and dated 03/14/2016 has revealed that there are 11 LUST sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLIDAY INN EXPRESS	***937 N COAST HY***	***SSE 1/8 - 1/4 (0.245 mi.)***	***B6***	***123***
Status: Completed - Case Closed Global Id: T0607301990				
CHEVRON STATION 9 11	***1601 N HILL ST***	***NNW 1/8 - 1/4 (0.248 mi.)***	***C9***	***127***
Status: Preliminary site assessment underway Case Number: 9UT2966				
CHEVRON/APSI 1815	***1601 N COAST HY***	***NNW 1/8 - 1/4 (0.248 mi.)***	***C11***	***131***
Status: Completed - Case Closed Global Id: T0607301732				
MOBIL HARBOR DRIVE	***477 HARBOR DRIVE***	***NW 1/4 - 1/2 (0.259 mi.)***	***15***	***142***
Status: Open - Eligible for Closure Status: Completed - Case Closed Status: Preliminary site assessment underway Status: Pollution Characterization Global Id: T0607301275 Global Id: T0607301473 Case Number: 9UT2529 Case Number: 9UT272				
HILL STREET TEXACO	***801 N COAST HY***	***S 1/4 - 1/2 (0.366 mi.)***	***E20***	***169***
Status: Completed - Case Closed Global Id: T0607302222				
FORMER TEXACO STATIO	***801 HILL***	***S 1/4 - 1/2 (0.366 mi.)***	***E21***	***171***
Status: Preliminary site assessment underway Case Number: 9UT3459				
ARCO FACILITY #9749	***802 N COAST HY***	***SSE 1/4 - 1/2 (0.370 mi.)***	***E23***	***172***
Status: Open - Remediation Global Id: T0607302350				
THRIFTY #401	***802 COAST HWY N***	***SSE 1/4 - 1/2 (0.375 mi.)***	***E24***	***179***
Status: Preliminary site assessment workplan submitted Case Number: 9UT3582				
CHEVRON SERVICE STAT	***1380 PACIFIC ST N***	***WSW 1/4 - 1/2 (0.426 mi.)***	***25***	***180***
Status: Case Closed Case Number: 9UT89 Closed Date: 3/4/87				
COAST SAVINGS & LOAN	***MCNEIL ST***	***ESE 1/4 - 1/2 (0.441 mi.)***	***26***	***181***
Status: Completed - Case Closed Status: Case Closed Global Id: T0607300223 Case Number: 9UT1383 Closed Date: 1/9/92				
SHELL OIL PRODUCTS S	601 HILL ST N	SSE 1/4 - 1/2 (0.495 mi.)	28	184
Status: Preliminary site assessment underway Case Number: 9UT3164				

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

A review of the SLIC list, as provided by EDR, and dated 03/14/2016 has revealed that there are 7 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CARPENTERS TOWING Facility Status: Completed - Case Closed Global Id: T0608146740	***1501 N COAST HWY***	***NNW 1/8 - 1/4 (0.187 mi.)***	***A1***	***117***
HOLIDAY INN EXPRESS Facility Status: Completed - Case Closed Global Id: T0607359602	***937 N COAST HY***	***SSE 1/8 - 1/4 (0.245 mi.)***	***B6***	***123***
CHEVRON/APSI 1815 Facility Status: Completed - Case Closed Global Id: T0608147763	***1601 N COAST HY***	***NNW 1/8 - 1/4 (0.248 mi.)***	***C11***	***131***
CHEVRON Facility Status: Completed - Case Closed Global Id: T0607303132	1380 N PACIFIC ST	WSW 1/4 - 1/2 (0.325 mi.)	D17	168
ASTLEFORD PROPERTY Facility Status: Completed - Case Closed Global Id: T0608114521	NONE 08TH & NEVADA	SE 1/4 - 1/2 (0.349 mi.)	18	168
HILL STREET TEXACO Facility Status: Completed - Case Closed Global Id: T0608199839 Global Id: T0608137198	***801 N COAST HY***	***S 1/4 - 1/2 (0.366 mi.)***	***E20***	***169***
ARCO FACILITY #9749 Facility Status: Completed - Case Closed Global Id: T0608101838	***802 N COAST HY***	***SSE 1/4 - 1/2 (0.370 mi.)***	***E23***	***172***

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 03/14/2016 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON/APSI 1815 Facility Id: H05734	1601 N COAST HWY	NNW 1/8 - 1/4 (0.248 mi.)	C8	127

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CARPENTERS GARAGE Status: A Tank Status: A Comp Number: 23779	1501 N HILL ST	NNW 1/8 - 1/4 (0.187 mi.)	A3	119
91191 Status: A Tank Status: A Comp Number: 5734	***1601 N HILL ST***	***NNW 1/8 - 1/4 (0.248 mi.)***	***C7***	***125***

HIST UST: Historical UST Registered Database.

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
91191	***1601 N HILL ST***	***NNW 1/8 - 1/4 (0.248 mi.)***	***C7***	***125***

Other Ascertainable Records

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

A review of the FUDS list, as provided by EDR, and dated 01/31/2015 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMP PENDLETON- MARI		S 1/8 - 1/4 (0.248 mi.)	B13	139

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
CAMP PENDLETON MARIN		NW 1/8 - 1/4 (0.244 mi.)	0	8

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCB CAMP PENDLETON	***BLDG 22165 CAMP PEND***	***NW 1/4 - 1/2 (0.270 mi.)***	***0***	***8***

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION 9 11 Reg Id: 9UT2966	***1601 N HILL ST***	***NNW 1/8 - 1/4 (0.248 mi.)***	***C9***	***127***
MOBIL HARBOR DRIVE Reg Id: 9UT272 Reg Id: 9UT2529	***477 HARBOR DRIVE***	***NW 1/4 - 1/2 (0.259 mi.)***	***15***	***142***
FORMER TEXACO STATIO Reg Id: 9UT3459	***801 HILL***	***S 1/4 - 1/2 (0.366 mi.)***	***E21***	***171***
THRIFTY #401 Reg Id: 9UT3582	***802 COAST HWY N***	***SSE 1/4 - 1/2 (0.375 mi.)***	***E24***	***179***
CHEVRON SERVICE STAT Reg Id: 9UT89	***1380 PACIFIC ST N***	***WSW 1/4 - 1/2 (0.426 mi.)***	***25***	***180***
COAST SAVINGS & LOAN Reg Id: 9UT1383	***MCNEIL ST***	***ESE 1/4 - 1/2 (0.441 mi.)***	***26***	***181***
SHELL OIL PRODUCTS S Reg Id: 9UT3164	601 HILL	SSE 1/4 - 1/2 (0.469 mi.)	27	184

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 09/10/2015 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COAST SAVINGS & LOAN	***MCNEIL ST***	***ESE 1/4 - 1/2 (0.441 mi.)***	***26***	***181***
A.T. & S.F. RAILROAD	***117 CLEVELAND***	***SSE 1/2 - 1 (0.941 mi.)***	***32***	***197***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OCEANSIDE ELECTRIC A	THE STRAND AND 3RD	S 1/2 - 1 (0.778 mi.)	30	194

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

Site Name	Database(s)
U-HAUL OF OCEANSIDE	LUST, HIST CORTESE
AMERICAN TOWER CORP #4471	San Diego Co. HMMD
CAROLS CLEANERS	San Diego Co. HMMD
SAN ONOFRE NUCLEAR GENERATING STAT	SLIC
ASTLEFORD PROPERTY	SAN DIEGO CO. SAM
JENCO INC/MANAGING PARTNER	SAN DIEGO CO. SAM

OVERVIEW MAP - 4640619.2S



0 1/4 1/2 1 Miles

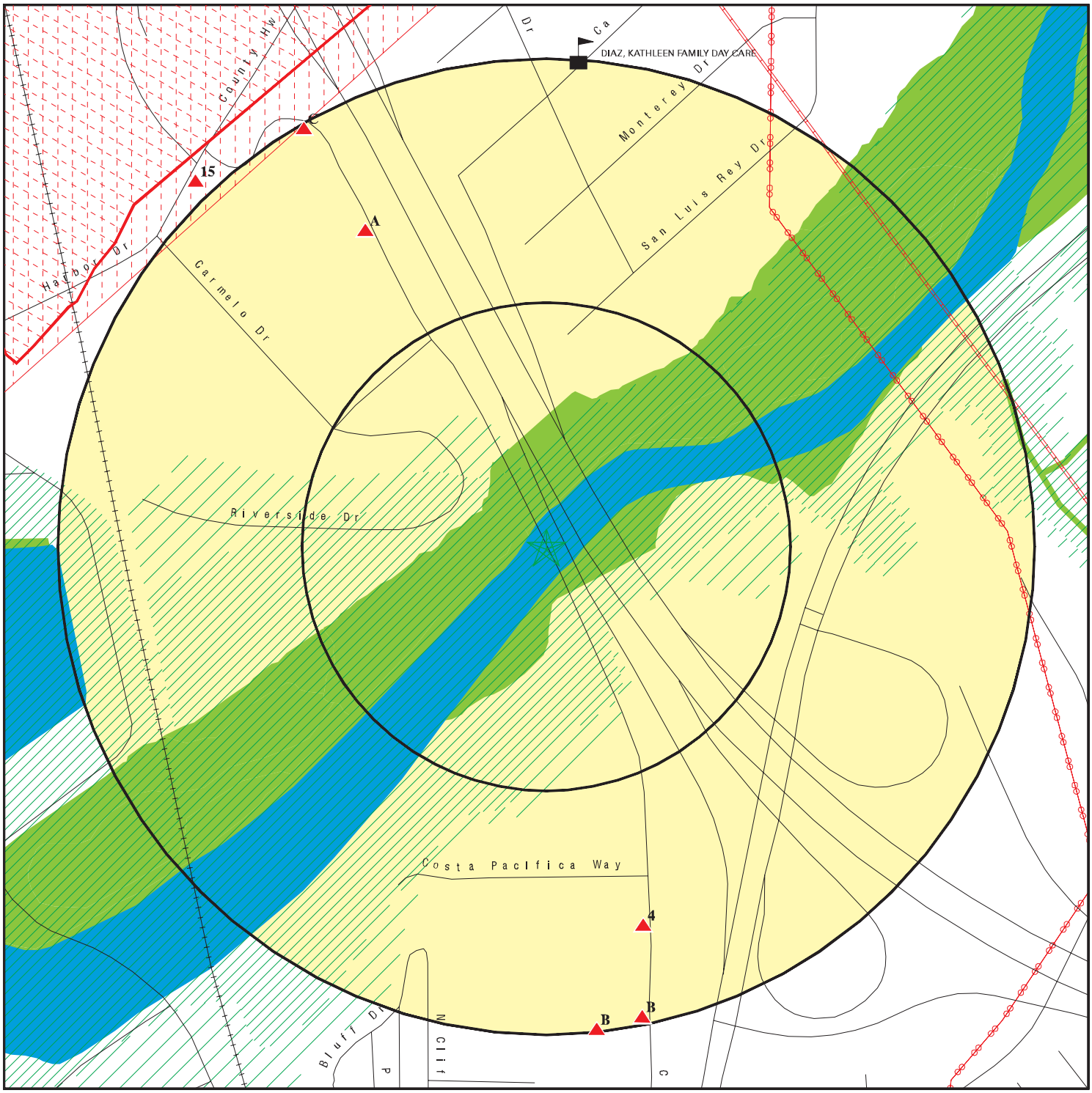
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME:	North Coast Highway Hill Street Bridge	CLIENT:	Drake Haglan and Associates
ADDRESS:	Hill Street Oceanside CA 92054	CONTACT:	Lindsay Tisch
LAT/LONG:	33.206359 / 117.385167	INQUIRY #:	4640619.2s
		DATE:	June 07, 2016 8:04 pm

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DETAIL MAP - 4640619.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME:	North Coast Highway Hill Street Bridge	CLIENT:	Drake Haglan and Associates
ADDRESS:	Hill Street Oceanside CA 92054	CONTACT:	Lindsay Tisch
LAT/LONG:	33.206359 / 117.385167	INQUIRY #:	4640619.2s
		DATE:	June 07, 2016 8:05 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	1	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	1	0	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	1	NR	NR	1
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	1	NR	NR	1
US ENG CONTROLS	0.500		0	0	1	NR	NR	1
US INST CONTROL	0.500		0	0	1	NR	NR	1
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	1	0	0	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	1	0	4	NR	5
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
SAN DIEGO CO. SAM	0.500		0	3	5	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
LUST	0.500		0	3	8	NR	NR	11
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	3	4	NR	NR	7
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	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								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
San Diego Co. HMMD	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	2	NR	NR	NR	2
HIST UST	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	1	0	0	NR	1
DOD	1.000		0	1	0	0	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	1	0	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST CORTESE	0.500		0	1	6	NR	NR	7
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	1	1	NR	2
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	1	NR	1
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	21	32	6	0	59

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

DOD **CAMP PENDLETON MARINE CORPS BASE** **DOD** **CUSA144257**
Region **N/A**
NW
CAMP PENDLETON MARINE COR (County), CA
1/8-1/4
1289 ft.

DOD:
- Feature 1: Marine Corps DOD
- Feature 2: Not reported
- Feature 3: Not reported
- URL: Not reported
- Name 1: Camp Pendleton Marine Corps Base
- Name 2: Not reported
- Name 3: Not reported
- State: CA
- DOD Site: Yes
- Tile name: CASAN_DIEGO

NPL **MCB CAMP PENDLETON** **NPL** **1000344642**
Region **BLDG 22165 CAMP PENDLETON** **SEMS** **CA2170023533**
NW **CAMP PENDLETON, CA 92055** **CORRACTS**
1/4-1/2 **RCRA-TSDF**
1426 ft. **RCRA-LQG**
LUCIS
US ENG CONTROLS
US INST CONTROL
ROD
RAATS
PRP

NPL:
- EPA ID: CA2170023533
- Cerclis ID: 902732
- EPA Region: 9
- Federal: Y
- Final Date: 1989-11-21 00:00:00
- Site Score: 33.789999999999999
- Latitude: 33.306660000000001
- Longitude: -117.3408

Category Details:
- NPL Status: Currently on the Final NPL
- Category Description: Depth To Aquifer-<= 10 Feet
- Category Value: 5

- NPL Status: Currently on the Final NPL
- Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
- Category Value: 10

Site Details:
- Site Name: CAMP PENDLETON MARINE CORPS BASE
- Site Status: Final
- Site Zip: 92055
- Site City: CAMP PENDLETON
- Site State: CA
- Federal Site: Yes
- Site County: SAN DIEGO
- EPA Region: 09
- Date Proposed: 07/14/89

MCB CAMP PENDLETON (Continued) **1000344642**

Date Deleted: Not reported
Date Finalized: 11/21/89

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: C321
Substance: TRICHLOROETHANE
CAS #: 25323-89-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U233
Substance: TP ACID (SILVEX), 2,4,5-
CAS #: 93-72-1
Pathway: NO PATHWAY INDICATED
Scoring: 1

Summary Details:

Conditions at proposal July 14, 1989): The Camp Pendleton Marine Corps Base encompasses approximately 125,000 acres in San Diego County, California. The installation is bordered by the City of San Clemente to the north, the City of Oceanside to the south, and the City of Fallbrook to the east. The base has served as a training base since its establishment in 1941. Industrial and other support operations have generated ha ardous wastes, including waste oils, contaminated fuels and other petroleum products, cleaning solvents, and pesticide rinsate. Camp Pendleton is participating in the Installation Restoration Program IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from ha ardous materials. As part of IRP studies, the Navy identified a number of potentially contaminated areas, including eight areas where wastes containing DDT, heptachlor, 2,4-T, lindane, inc, lead,trichloroethylene, methyl ethyl ketone, ben ene, and xylene had been deposited. Ground water is shallow, averaging 7-14 feet deep, and soils are permeable, conditions that facilitate movement of contaminants into ground water. The 40,000people living and working on the base obtain drinking water from wells within 3 miles of ha ardous substances on the base. The nearest well is within 1,320 feet of one of the disposal areas. To date, no contaminants have been detected in the camp s water supply. San Margarita River, Las Flores Creek, and San Mateo Creek empty into coastal wetlands within 2 miles of Camp Pendleton. Surface waters within 3 miles downstream are used for recreational activities. Critical habitatsfor three

MCB CAMP PENDLETON (Continued) **1000344642**

birds designated as endangered by the U.S. Fish and Wildlife Service are within 1 mile of the camp. The Marine Corps has completed a site inspection and is about to start planning for a remedial investigation/feasibility studyRI/FS)to determine the type and extent of contamination at the base and identify alternatives for remedial action. Status November 21, 1989): The RI/FS is underway.

Site Status Details:
NPL Status: Final
Proposed Date: 07/14/1989
Final Date: 11/21/1989
Deleted Date: Not reported

Narratives Details:
NPL Name: CAMP PENDLETON MARINE CORPS BASE
City: CAMP PENDLETON
State: CA

SEMS:
Site ID: 902732
EPA ID: CA2170023533
Federal Facility: Y
NPL: Currently on the Final NPL
Non NPL Status: Not reported

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0902732
EPA ID: CA2170023533
Facility County: SAN DIEGO
Short Name: CAMP PENDLETON MARINE COR
Congressional District: 49
IFMS ID: 09Q3
SMSA Number: 7320
USGC Hydro Unit: 18070303
Federal Facility: Federal Facility
DMNSN Number: 125000.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Not reported
Site Settings Code: SU
NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: USNV
Non NPL Status: Not reported
Non NPL Status Date: / /
Site Fips Code: 06073
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):
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CERCLIS Site Alias Name(s):
Alias ID: 101
Alias Name: MARINE CORPS BASE CAMP PENDLETON
Alias Address: BLDG 2631
CAMP PENDLETON, CA 92055
Alias ID: 201
Alias Name: CAMP PENDLETON PCB SPILL
Alias Address: Not reported
CA
Alias ID: 202
Alias Name: CAMP PENDLETON MARINE CORPS BASE
Alias Address: CAMP PENDLETON MARINE BASE
CAMP PENDLETON, CA 92055
Alias ID: 203
Alias Name: CAMP PENDLETON MARINE CORPS BASE
Alias Address: CAMP PENDLETON MARINE BASE
SAN DIEGO COUNTY, CA 92055
Alias ID: 9270125
Alias Name: MCB CAMP PENDLETON
Alias Address: BLDG 2631
CAMP PENDLETON, CA 96614
Alias ID: 201
Alias Comments: PREVIOUS EPA ID# AZD 981 416 977

Site Description: Construction of Marine Corps Base (MCB) Camp Pendleton started in March 1942, and dedicated in September 1942. MCB Camp Pendleton has been a training facility since 1942, but was not designated a permanent base until October 1944. The base currently supports more than 36,000 military personnel and employs approximately 4,600 civilians. On November 15, 1989, MCB Camp Pendleton was added to the National Priorities List (NPL) primarily because an

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herbicide was detected in two base drinking water production wells. Site 9-41 Area Stuart Mesa Waste Stabilization Pond From 1963 to 1974 or 1975, the waste stabilization pond was operated as a sewage lagoon for oxidation and percolation of raw sewage generated in 41 Area. In 1975, a wet well and a lift station were installed, and raw sewage was pumped into a treatment facility in 43 Area. The waste stabilization pond, which contains water only briefly following heavy rainfall, has been used for stockpiling soils contaminated with petroleum hydrocarbons, primarily fuel and oil. The area immediately northeast of the waste stabilization pond has been used for disposal of wastes from mess hall grease traps. No base water production wells are located within 1 mile of Site 9. Upon sampling, 18 organic contaminants, resulting in concentrations under the preliminary remediation goal, were detected in soil samples. 24 metal contaminants were also detected. Of these contaminants, beryllium, cadmium, cooper, iron, lead, mercury, molybdenum, vanadium and zinc were the only chemicals having concentrations above their respective background values. 37 chemicals were detected in groundwater samples. Of these antimony, cadmium, chromium, 1,2-dichloroethane, mercury, nickel, tetrachloroethene and trichloroethene were reported to be in concentrations which exceeded either the Federal Maximum Contaminant Level (MCL) or the State MCL. 13 surface-water contaminants were detected and of those, copper was found to be above the maximum concentration level appropriate for both Federal and State Aquatic Life Standards. Results of the site characterization indicated adequate habitat within Site 9 for terrestrial plants, terrestrial animals and soil invertebrates. The aquatic habitat in the area is minimal. Although some native plants are present, Site 9 contains few or no sensitive plant communities. Based on the analyses of toxicity to aquatic and terrestrial organisms, concentrations of chemicals in soil, sediment, and surface water do no pose ecological risk to terrestrial or aquatic organisms. Site 4 and 4A - Marine Corps Air Station (MCAS) Drainage Ditch and Concrete-Lined Impoundment The drainage ditch reportedly was used from the 1940s through the early 1980s for the disposal of liquid wastes generated by flight-line operations and also received contaminated runoff from spills and aircraft washing. Hazardous substances reportedly placed in the drainage ditch include jet fuels, aviation gasoline, kerosene, paints, paint strippers, toluene, methyl ethyl ketone, methyl isobutyl ketone, trichloroethene, trichloroethane, nitrocellulose lacquers and thinners, aliphatic thinners and isopropanol. An estimated 11,000 to 25,000 gallons reportedly was discharged in or adjacent to the ditch prior to 1982. Other liquid wastes of unknown quantities including oils, hydraulic fluids, battery electrolyte solutions, and aircraft washing wastewater, reportedly were also discharged into the ditch. No information is available on the quantities or specific types of wastes received by the Site 4A impoundment. Sites 4 and 4A were included in the RI of Group A sites conducted between February 1992 and April 1993. Upon sampling in Site 4, 12 organic contaminants and 24 metals were detected in the soil. Of the metals, only barium, manganese, mercury, potassium, silver, and thallium had concentrations which exceeded background values. Site 4 registered 30 contaminants in surface-water, with chloride exceeding the chronic Federal Aquatic Life Standards. Site 24-26 Area Morale, Welfare, and Recreation Maintenance (MWR) Facility The MWR maintenance facility provides maintenance services for approximately 200 buildings at MCB Camp Pendleton. Potential sources of contamination at this site are the welding shop, the paint shop, and a former hazardous waste storage area. Site 24 was not investigated during the Initial Assessment Study (IAS) or the site inspection (SI). During a 1990 inspection, Environmental and Natural Resources Management Office personnel collected surface soil samples in areas of visible soil contamination. Compounds detected in the samples included total petroleum hydrocarbons, various heavy metals, benzene, and a number of semivolatile compounds. The

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site was included in the Remedial Investigation (RI) of Group A sites. Site 24, upon soil sampling, registered concentrations of 27 organic contaminants and 24 metal contaminants. Of these metal contaminants, antimony, cadmium, and mercury reported concentrations exceeding their respective background levels. Site 24 groundwater concentrations which exceeded Federal and State MCLs included only chromium, out of 29 contaminants. Groundwater metals concentrations exceeding Maximum Containment Levels may be due to the influence of shallow granitic bedrock beneath the site or other sources. These metals are not considered site-related given the operational history of site 24. Reports, proposed plans for remediation, and fact sheets were made available to the public. Both public comment periods and meetings were held. Marine Corps Base (MCB) Camp Pendleton is the primary Marine Corps amphibious training center on the west coast. Located between the cities of Los Angeles and San Diego, California, MCB Camp Pendleton covers approximately 125,000 acres, almost entirely in San Diego County. Camp Talega, in the 64 Area near the northwestern border of the base, extends into Orange County. Surrounding communities include San Clemente to the northwest, Fallbrook to the east, and Oceanside to the south. The base is bordered to the west by the Pacific Ocean and encompasses 17 miles of coastal area. Construction of MCB Camp Pendleton began in March 1942, and President Franklin D. Roosevelt dedicated the Base in September 1942. It was designated as a permanent Base in October 1944. It supports more than 36,000 military personnel and employs approximately 4,600 civilians. Land use within the perimeter of the Base consists of airfield operations, maneuver and impact areas, troop and family housing, recreation areas, and out-leased areas used by various entities (e.g., San Onofre Nuclear Generating Station, and agriculture). Most of the land within MCB Camp Pendleton is open and undeveloped and directly supports the training mission of the Base. Developed areas of the Base are isolated from one another by large areas of essentially undeveloped land used for training and maneuvers. The largest concentration of development is at the Headquarters Area in the southeast corner of the Base. The second largest concentration is the housing areas in the southwest corner of the Base, near the Oceanside Gate. Additional information on land use in specific areas of the Base and expected future land use at MCB Camp Pendleton and in surrounding communities is presented in the MCB Camp Pendleton Master Plan. The primary mission of MCB Camp Pendleton is military training, and has been since the Base was constructed in 1942. Environmental contamination is associated with the primary and support mission functions of the Base. The Base was placed on the National Priority List (NPL) in 1989. The Federal Facilities Agreement (FFA) between the USEPA, the State of California, and the U.S. Department of the Navy (DON) was signed in 1990. The FFA establishes a framework for implementing appropriate environmental investigation and remediation activities at the Base. The purpose of the Installation Restoration (IR) program is to identify, investigate, assess, and clean or control releases of hazardous substances as well as to cost effectively reduce the risk to human health and the environment from past waste disposal operations and hazardous material spills at Navy/Marine Corps stations. The IR program is administered in accordance with CERCLA, as amended by the Superfund Amendments and Reauthorization Act (SARA). Investigations and cleanup actions for the Base are described in detail in the Administrative Record. Site 9, Stuart Mesa Waste Stabilization Pond, is located within a designated maneuver area in the Las Flores 41 Area in the southwestern part of MCB Camp Pendleton. The site is southwest of Stuart Mesa Road and consists of an approximately 500- by 400- foot, engineered earthen impoundment and adjacent areas, including a fenced grease disposal pit to the east of the waste stabilization pond. The 41 Area Stuart Mesa waste stabilization pond is located between two forks of a natural drainage arroyo on a relatively low-lying wave-cut terrace. An ephemeral stream trends north and

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east of the stabilization pond and drains southwestward toward the Pacific Ocean. Site 9 is underlain by marine terrace deposits and is located outside the largest groundwater basin on the base. The Santa Margarita basin provides the major source of drinking water consumed by MCB Camp Pendleton. The site is located within 1/4 to 1/2 mile of Interstate 5. Site 4, Marine Corps Air Station (MCAS) Drainage Ditch and Concrete-Lined Impoundment, is identified as the MCAS drainage ditch. The air station is located in the 23 Area of the base. In May 1990, Site 4 was expanded to include the concrete-lined surface impoundment. This impoundment is designated as Site 4A and is located between the MCAS drainage ditch and the MCAS, southwest of Building 2378. The MCAS drainage ditch is located along Vandegrift Boulevard in the Chappo subbasin of the Santa Margarita basin. The ditch is approximately 5 feet deep, 20 feet wide, and is located between the MCAS flight-line operations and the former Atchison, Topeka, and Santa Fe (AT&SF) railway tracks. Site 24, Morale, Welfare, and Recreation Maintenance (MWR) Facility, is located within the floodplain of the Santa Margarita River. The MWR maintenance facility is situated on a flat area surrounded by low hills on three sides. The 26 Area is used primarily for warehouse and maintenance facilities. Installation Restoration Program (IRP) sites at MCB Camp Pendleton were assigned to one of four groups (A, B, C and D) during the investigation phase according to potential impact to human health and the environment. Group A sites were believed to have the highest potential for such impact, Group D sites have the lowest. OU 3: Operable Unit 3 (OU) includes the following sites from Groups B, C and D: Group B; site 7 Soil and groundwater, Group C; sites 1D, 1E, 2A, 10, and 35 soil and groundwater; sites 16 and 27 soil; and site 17 sediment and surface water, Group D; sites 1A, 1B, 1C, 1F, 1I, 2C, 2D, 2F, 2G, 18, 32, 34, 36, 37, 38, 39, 40, 41, and 42 soil and groundwater. The base is divided into 35 major area designations for location of base activities. The OU 3 sites are located in various areas throughout the base. The OU 3 site names are as follows: Site 1A-Refuse Burning Ground in 14 Area, Site 1B- Refuse Burning Ground in 11 Area, Site 1C-Refuse Burning Ground in 14 Area, Site 1C- Refuse Burning Ground in 13 Area, Site 1D- Refuse Burning Ground in 20 Area, Site 1E- Refuse Burning Ground in 32 Area, Site 1F- Refuse Burning Ground in 43 Area, Site 1I- Refuse Burning Ground in 63 Area, Site 2A- Grease Disposal Pit in 14 Area, Site 2C- Grease Disposal Pit in 33 Area, Site 2D-Grease Disposal Pit in 43 Area, Site 2F- Grease Disposal Pit in 62 Area, Site 2G- Grease Disposal Pit in 31 Area, Site 7-Box Canyon Landfill, Site 10- 26 Area Sewage Sludge Composting Yard, Site 16- 22 Area Buildings 2215 and 22187 Ditch Confluence and Ditch, Site 18- 13/16 Area Building 1687 Spill and Ditch, Site 27- 22 Area Ditches Behind Building 22210, Site 32- Drum Storage Area and Drainage Between Buildings 41303 and 41366, Site 34- Combat Engineers Maintenance Facility, Buildings 62580-625832; Site 35- Former Sewage Treatment Plant Facility in 25 Area; Site 36- Debris Pile Area Behind Ponds at Sewage Treatment Plant II; Site 37- Pesticide and POL Handling Areas at San Clemente Ranch, Site 38-52 Area Sewer Line Building 52188; Site 39- 41 Area Sewer Line, Buildings 41300 and 41346; Site 40- 13 Area Sewer Line, Building 13103; Site 41- 13 Area Sewer Line, Building 13128; Site 42-13 Area Sewer Line, Building 13129. A Record of Decision (ROD) for OU 1 was signed in December 1995 and addresses the selected remedies for soil and groundwater at Site 9, soil at Site 4/4A, and soil and groundwater ate Site 24, all of which are Group A Sites. The ROD for OU 2 was signed in September 1997 and includes 13 Group A, Group B and Group C sites. These sites include Sites 2B and 31 soil; Sites 28 and 43 groundwater; Site 3 soil, sediment, and surface water; Site 5 soil and groundwater; Sites 19, 20 and 22 soil, sediment, groundwater and surface water; Sites 8A and 44 sediment and surface water. A ROD addressing OU 3 was signed in February 1999. OU 1: From 1963 until approximately 1975, the Stuart Mesa Waste Stabilization Pond served as an

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oxidation and percolation sewage lagoon for sewage generated in the 41 Area. Operations at the waste stabilization pond ceased in 1975 and the raw sewage was pumped from Building 41300 to a treatment facility in the 43 Area. The Department of Navy (DON) first identified Installation Restoration (IR) Site 9 during the Site Inspection (SI) performed in 1987 and 1988. During the SI, the DON discovered that waste oils or other liquids might have been disposed at the site. Following site identification, the DON classified IR Site 9 among the Group A Sites, those IR sites considered to have the greatest potential to impact human health and/or the environment. The DON conducted a Remedial Investigation (RI) of the Group A Sites between February 1992 and April 1993. The RI indicated remedial action was required due to the nature of the contaminants discovered at the site. The Feasibility Study (FS) for Site 9, completed in 1994, addressed potential remedial actions for petroleum hydrocarbons and beryllium in soil and trichloroethene (TCE) and tetrachloroethene (PCE) in groundwater. A Record of Decision (ROD) addressing Operable Unit (OU) 1 was completed in December of 1995. The ROD documented alternatives and the selection of remedial actions for IR Site 9 soil and groundwater. The remedies selected included no action for hydrocarbons and beryllium in soil and monitored natural attenuation, long-term monitoring, and land use controls for PCE and TCE in groundwater. Specifically, the ROD included the following major component: -Sampling and analysis of IR Site 9 monitoring wells semiannually for ten years to verify that dispersion and natural attenuation are occurring -Evaluation of the remedial alternative's effectiveness once every five years. -Compliance demonstration monitoring consisting of eight sampling events, evenly spaced throughout a one-year period, conducted during the eighth year of groundwater monitoring (2004) to assess the effectiveness of the dispersion and natural attenuation of PCE and TCE in groundwater. -Amendment of the Base Master Plan to restrict future access to the groundwater in the immediate vicinity of IR Site 9 for the duration of the long-term monitoring or until the contaminants in groundwater no longer exceed MCLs. An Explanation of Significant Difference (ESD) pertaining to the OU1 ROD was completed in September of 2004. OU03 ESD: Installation Restoration (IR) Site 1A was used for refuse burning between 1942 and the early 1970s. The site was first identified during an Initial Assessment Study published in 1984. IR Site 1A comprises a 7-acre area located on the floor of a narrow valley situated in the 14 Area of Marine Corps Base (MCB) Camp Pendleton. IR Site 1A, the Refuse Burning Grounds, is bounded to the east by Pilgrim Creek (a seasonally intermittent stream) and to the west by a narrow unnamed valley. A ROD for Operable Unit 3 (OU3), including IR Site 1A, was signed by the US EPA, California EPA Department of Toxic Substances Control (DTSC), California EPA Regional Water Quality Control Board (RWQCB), and the Department of the Navy, specifically MCB Camp Pendleton, representatives in early 1999. Human health and ecological risk assessments were performed for IR Site 1A as part of the Remedial Investigation/Feasibility Study (RI/FS) for OU3. Results of the risk assessment were used in determining the cleanup levels presented in the OU3 ROD. Remedial action standards were established for soil from 0 to 5 feet below ground surface (bgs) to protect ecological receptors and from 5 to 10 feet bgs to address human health concerns. The OU3 ROD contains a provision for contaminated soil remaining in place, stating that the areas will be backfilled with a minimum of 10 feet of clean soil if contaminant concentrations at 10 feet bgs still exceed remedial goals (RGs). The OU3 ROD did not address management of groundwater or land use controls (LUCs) if contaminated material would have been left in place. Specifically, the OU3 ROD included the following major components: - Excavation and on-base disposal at Box Canyon Landfill Corrective Action Management Unit (CAMU) of an estimated 31,700 yd3 of contaminated soil and burn ash material. Excavation depths were to be 5 feet for protection of ecological

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receptors and 10 feet for protection of human health. - Backfilling and regrading the site to the original contours, including revegetation of the excavated area. - No further action for soil or groundwater pending excavation and disposal of contaminated material. In May 1999, a Remedial Design and Work Plan were prepared by OHM Remediation Services Corp to excavate the burn debris and affected soil from Site 1A to meet the Remedial Action Objectives (RAOs) as specified in the OU3 ROD. In August 1999, IT Corporation initiated remedial action activities. The remedial action was based on the conclusion in the ROD that impact at the site was limited to soil only. The affected soil was to be disposed of at the CAMU located on the Box Canyon Landfill. The discovery of a waste mound and five large burn pits/cells at the site was reported. Perimeter soil samples were collected prior to the remedial action to determine the excavation boundary. Additional step-out samples were collected based on pre-excavation results. A total of 56 excavation floor confirmation samples were collected from a grid across the site as visible burn ash debris was removed. Samples were not collected from 10 grid locations due to the presence of visible burn ash on the excavation floor. Perimeter and excavation confirmation samples expanded the site boundary both laterally and vertically. The original volume of waste (31,700 cubic yards [yds3]) had been estimated based on surface mapping conducted during the 1997 RI and did not account for the additional volume (approximately 96,119 yds3) of buried waste. In November 1999, after removing approximately 93,000 yds3 of burn ash and impacted soil, excavation activities were suspended due to the presence of groundwater in the excavation pit and the need to winterize the site before the rainy season. A portion of the remaining waste (estimated at 50,000 yds3) appeared to be in contact with groundwater based on visual observations during excavation activities. In anticipation of possible dewatering in the spring of 2000, when excavation would resume, eight 2-inch diameter piezometer wells (GMW-01 through GMW-08) were installed at the site on November 4, 1999. In addition, to control groundwater recharge during the rainy season, a sheetpile dam was installed on February 4, 2000 at the northern upstream end of the site. Site winterization was completed in February 2000, which included the addition of a runoff protection berm to enclose the site preventing off-site surface runoff from entering the site, and to contain on-site surface runoff from leaving the site. An Explanation of Significant Differences addressing OU3 of the MCB Camp Pendleton site was completed in May 2008. OU 3 2010 ESD: It has been estimated that 1,093,000 cubic yards (yd3) of municipal fill were placed in the landfill during this period. The landfill accepted municipal solid and nonhazardous waste and included household and construction refuse consisting of tree and lawn clippings, scrap lumber and metal, appliances, furniture, paper, fill, dirt, asphalt, concrete, tile, cans, containers, magazines, and boxes. The landfill reportedly received dry cleaning sludge containing Stoddard solvent, and contaminated soil and dumpster waste containing fuel (petroleum, oil, and lubricants [POLs]), solvents, thinners, strippers, epoxies, sealants, paint wastes, and chemical cleaners. In 1995, the Department of the Navy (DON) designated Box Canyon Landfill as a Corrective Action Management Unit (CAMU) for the purpose of consolidating remediation wastes from various MCB Camp Pendleton IR sites. Approximately 39,400 yd3 of chemically-stabilized, metal impacted soil generated from CERCLA removal actions at IR Sites 3 and 6 conducted from 1996 to 1997 were placed into the designated CAMU (CAMU 1) at IR Site 7. In addition, approximately 235,000 yd3 of pesticide impacted soil from CERCLA remedial actions conducted at IR Sites 1A, 1E, 1F, and 2A were placed into a second designated CAMU (CAMU 2) at IR Site 7 as directed in the OU 3 ROD. A remedial investigation (RI) was conducted at IR Site 7 from March 1993 through March 1994 to determine the potential for offsite gas migration and the potential impact to groundwater. The RI included the collection of soil, groundwater, and air samples.

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Groundwater samples were analyzed for metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), gasoline, diesel, pesticides, polychlorinated biphenyls (PCBs), and water chemistry parameters. In general, groundwater impacts were found in wells downgradient of the site. However, the impacts were mostly at or below the maximum contaminant levels (MCLs). Low concentrations of polycyclic aromatic hydrocarbon (PAH) and VOCs were detected in soil. Results of the soil gas samples indicated that the potential for gas migration would not be a concern. Post-closure groundwater monitoring was initiated in 2003 for the purpose of determining whether groundwater was being affected by leachate or gas from the landfill. Currently, groundwater monitoring is being conducted on an annual basis at IR Site 7. In April/May 2009, groundwater levels and concentrations of previously detected contaminants were consistent with historical results. Seven VOCs were detected in groundwater immediately downgradient from the landfill, however, concentrations did not exceed MCLs. Concentrations of 1,2-dichloroethane, however, were detected in two wells and did exceed the MCL of 0.5 micrograms per liter (ug/l). Detected concentrations of VOCs may indicate that landfill gas is affecting the groundwater beneath the landfill. The trends in VOC concentrations through time indicate that VOC concentrations have remained stable and low. Post-closure landfill gas monitoring was initiated in 2001 to assess the potential of landfill gas migration. Landfill gas monitoring is being conducted per the revised Final Post-Closure Monitoring and Maintenance Plan (PCMMP). The landfill gas monitoring network consists of 32 probes installed at various depths in 15 wells: 11 along the site boundary and four located outside the IR Site 7 compliance boundary and have been monitored at least bimonthly since they were installed. Currently, concentrations of methane in two shallow perimeter landfill probes located at the property boundary nearest the Wire Mountain Military Housing development have remained below detection limits since monitoring began in 2005. One other perimeter monitoring probe near the boundary by the Wire Mountain Military Housing development, GP-9, continues to be near the 5 percent by volume State compliance criterion. There is a monitoring probe, GP-10, which has been at or above State compliance levels; however, the agencies agreed that since the probe was so close to the waste, it did not qualify as a compliance probe. An ESD addressing OU 03 at the Camp Pendleton Marine Corps Base site was completed in July 2010. OU 4: This decision document addresses the following sites at OU 4, MCB Camp Pendleton: -Site 1D - Refuse Burning Ground (20 Area) -Site 1E-1 - Former Burn Pits (32 Area) -Site 30 - Small Arms Firing Range Soil (31 Area) Site 1D is located north of the intersection of Vandergrift Boulevard and Stuart Mesa Road. Box Canyon Landfill is 1,500 feet northeast of the site. The Twin Lakes Sewage Disposal Plant is southwest of the site across Stuart Mesa Road. The Santa Margarita River is approximately 150 feet north of the site. The Site 1D burning area is no longer in operation, and military and civilian personnel cross the site infrequently because the vegetation is relatively dense. The regional groundwater flow direction in the valley-fill aquifer is to the west. Groundwater at Site 1D ranges from 6 to 10 feet below ground surface (bgs) and flows northwest towards the Santa Margarita River. No public drinking water wells are located downgradient of the site. The site is located in a floodplain, and therefore, the Base has no plans for future development. Site 1D is one of nine refuse burning grounds used from 1942 through the early 1970s to burn refuse generated by Base operations. Until 1970, all refuse at the Base was disposed of by burning; however, no information is available on the specific years of operation or the amount of refuse disposed of at each burning ground. The Base refuse burning areas were closed between the late 1960s and 1971. Site 1D was closed, covered with native soil, and allowed to revert to natural vegetation. Visual inspection in 1984 revealed no evidence of environmental Contamination. However, the cover

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material has since eroded, and contaminants have been exposed. Areas of stressed vegetation and stained soil have also been observed. The selected remedy for Site 1D in the OU 3 ROD was excavation and removal of contaminated soils with on-Base disposal to Site 7, Corrective Action Management Unit (CAMU). After the closure of the on-Base CAMU in April 2000, a decision was made to supplement the prior characterization of the site to refine the cost estimates and reevaluate the remedial options. As documented in the letter from the USEPA to Southwest Division Naval Facilities Engineering Command (SWDIV) dated September 28, 2000, and in accordance with the agreement reached at the 5 October 2000 FFA Project Management meeting, Site 1D was placed in OU 4 to facilitate an expedited schedule. There are no enforcement activities related to Site 1D. Environmental investigation and remediation activities associated with the site are implemented under the IR Program. The purpose of this program is to identify, investigate, assess, characterize, and clean or control releases of hazardous substances as well as to cost-effectively reduce the risk to human health and the environment from past waste disposal operations and hazardous material spills at Navy/Marine Corps stations. The program is administered in accordance with Comprehensive Environmental, Response, Compensation, and Liability Act (CERCLA), as amended by SARA. Site 1E-1 is a former refuse burning area located in 32 Area along MACS Road, approximately 3,000 feet from the Santa Margarita River. The burning area is no longer in operation. The northeast portion of the site contains an unpaved access road and is sparsely vegetated. The surrounding areas are undeveloped. The Santa Margarita River is approximately 3,200 feet southeast of the site. Based on the elevation of the site and known groundwater in the area, groundwater beneath the site is estimated at 100 feet bgs. No public drinking water wells are located downgradient of the site. Given the immediate proximity to MACS Road and the presence of endangered species (i.e., Pacific pocket mouse), it is unlikely that the site would be developed in the future. Site 1E-1 is one of nine refuse burning grounds used from 1942 through the early 1970s to burn refuse generated by Base operations. Until 1970, all refuse at the Base was disposed of by burning; however, no information is available on the specific years of operation or the amount of refuse disposed of at each burning ground. The Base refuse burning areas were closed between the late 1960s and 1971. Waste material from Site 1E-1 burn pits was disposed of in Site 1E by physically removing the material from the pits. The burn pits at Site 1E-1 were closed, covered with native soil, and allowed to revert to natural vegetation. At some point after the burn pits were closed, the area was graded for the realignment of MACS Road, which now crosses over a portion of the former burn pits. There are no enforcement activities related to Site 1E-1. Environmental investigation and remediation activities associated with the site are implemented under the IR Program. The purpose of this program is to identify, investigate, assess, characterize, and clean or control releases of hazardous substances as well as to cost-effectively reduce the risk to human health and the environment from past waste-disposal operations and hazardous material spills at Navy/Marine Corps stations. The program is administered in accordance with CERCLA, as amended by SARA. Site 30 is located in the 31 Area, approximately 1,300 feet west of Stuart Mesa Road and MACS Road. The Santa Margarita River is directly south of the site. No public drinking water wells are downgradient of the site. There are no military operations at Site 30, and military and civilian personnel rarely cross the site because the vegetation is relatively dense. The road through the site is active and construction activities occasionally occur along the road (i.e. water line replacement). Since fill material was deposited at the site in the 1960s and 1970s, the site has remained undeveloped and been allowed to return to a natural state. Given that at least a portion of the site is in the floodplain of the Santa Margarita River, and that threatened and endangered

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species are present, it is unlikely that the site will be developed for future use. Site 30 consists of soil fill material near an unpaved road west of Stuart Mesa Road. The soil contains bullets and bullet fragments from a 31 Area small arms firing range. The soil fill material was transported from firing ranges during the mid- to late-60s and possibly into the 70s. Site 30 is reported to be on and near prehistoric sites and historic archeological sites. The Monitoring and Discovery Plan reports that Site 30 is situated directly atop one prehistoric site, which is recorded as a low-density shell midden with over 100 pieces of shell. This prehistoric site also contains stone flakes, which are artifacts from the making of stone tools. The southern portion of a second archeological site is located near the eastern edge of Site 30. This second site contains both historic (ceramic fragments and ration tins) and prehistoric (one core fragment, one mano, one unidentified ground stone fragment, 15 pieces of lithic debitage, several fragments of bone, and over 300 pieces of marine shell) artifacts. A third archeological site is located approximately 360 feet north and upslope of Site 30 (outside of the planned remediation area) and is composed of one core fragment, four stone flakes, and more than 50 pieces of marine shell. There are no enforcement activities related to Site 30. Environmental investigation and remediation activities associated with the site are implemented under the IR Program. The purpose of this program is to identify, investigate, assess, characterize, and clean or control releases of hazardous substances as well as to cost-effectively reduce the risk to human health and the environment from past waste-disposal operations and hazardous material spills at Navy/Marine Corps stations. The program is administered in accordance with CERCLA as amended by SARA. A ROD was completed in June 2007 that addressed the soil at OU4. Operable Unit 5: Operable Unit (OU) 5 is comprised of Sites 1A-1, 1H, and 6A. Each site is described below. Site 1A-1: Site 1A-1 is a debris disposal area of approximately 1.5 acres in the 14 Area of the Base. Site 1A-1 is approximately 800 feet north-northeast of Site 1A, which is immediately northeast of Base Sewage Treatment Plant No. 1. Site 1A-1 is actively used as a military training area. Site 1A-1 contains buried waste and ash up to 10 feet thick that originally came from Site 1A. Site 1A was one of nine refuse burning grounds used from 1942 through the early 1970s to burn refuse generated by Base operations. The burned refuse buried at Site 1A-1 appears to be covered by a discontinuous thin layer of relatively clean soils, but some burned debris, ash, and refuse is exposed at the surface. It is not known if all the burn ash and debris at Site 1A-1 was moved at one time or placed in various stages over time. There are no known records regarding the placement of waste at Site 1A-1, and no burning was conducted at the site. Former waste disposal activities have resulted in approximately 20,000 cubic yards of soil contaminated with waste material and ash containing metals, dioxins and/or furans, and pesticides. Site 1A-1 is currently used as an active military training area. The site is no longer a waste disposal area, and the surrounding land is covered with natural vegetation, except Pilgrim Creek Trail along the eastern edge. The surrounding areas are also undeveloped and are designated as military training areas. The nearest troop housing is approximately 0.5 mile southwest. The nearest family housing, De Luz Housing, is approximately 0.75 mile northwest. Sewage Treatment Plant No. 1 is located approximately 2,500 feet southwest. The site is in the San Luis Rey groundwater basin, which is the source of drinking water for the City of Oceanside. The nearest production wells are over four miles south of the site in the San Luis Rey River valley. There is no groundwater at Site 1A-1. There is a small amount of groundwater present in the sediments in the downgradient Pilgrim Creek streambed. However, the quantity of water would not be sufficient for municipal use. MCB Camp Pendleton is expected to remain an active military installation into the future. Current land use is reasonably anticipated to continue indefinitely to

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support the mission of the facility. However, the Navy has assumed an unrestricted land use scenario in this record of decision (ROD) in an effort to avoid any form of future land use restrictions. Site 1H: Site 1H is a former burning ground and disposal area of approximately 0.9 acre in the 62 Area, near the western perimeter of the Base. The site is approximately 1,200 feet north of San Mateo Road. The site is actively used as a military training area. Site 1H was one of nine refuse burning grounds used from 1942 through the early 1970s to burn refuse generated by Base operations. In accordance with common Base practice at the time, burning grounds served as the principal trash disposal areas on the Base prior to the 1970s. Until 1970, all refuse at the Base was disposed of by burning; however, no information is available on the specific years of operation or the amount of refuse disposed of at each burning ground, including Site 1H. Site 1H and the surrounding area are covered with natural vegetation, undeveloped, and designated as military training areas. Groundwater at Site 1H is approximately 200 to 225 feet below ground surface. The nearest Base production wells are approximately 1 mile west-southwest of Site 1H, and results of fate and transport modeling concluded that there is no threat to groundwater. Marine Corps Base Camp Pendleton is expected to remain an active military installation into the future. Current land use is reasonably anticipated to continue indefinitely to support the mission of the facility. Site 6A: Site 6A is a former scrap metal and recycling storage area in the 22 Area of the Base. Site 6A is approximately 7.2 acres in size and is located south of Building 2241, which houses the Defense Reutilization and Marketing Office The Defense Reutilization and Marketing Office temporarily stored scrap metal at the site. The storage area had been covered with a thin layer of soil by periodic flooding, and scraps of metal were reportedly pounded into the ground between 1994 and 1995, causing an uneven ground surface. The site was repaved with approximately three inches of asphalt. Previous investigations indicate the presence of scrap metal at a depth of approximately 8 inches below ground surface. Site 6A is paved and used for industrial purposes. Marine Corps Base Camp Pendleton is expected to remain an active military installation into the future. Current land use is reasonably anticipated to continue indefinitely to support the mission of the facility. However, the Navy has assumed an unrestricted land use scenario in this ROD in an effort to avoid any form of future land use restrictions. Groundwater production wells are located north and west of Site 6A, within the Santa Margarita River valley. The nearest downgradient production well is 3,000 feet southwest of the site. Site 6A groundwater has been impacted by Volatile Organic Compounds from upgradient sources and is being investigated and addressed separately as part of the 22/23 Area. There are no enforcement activities at Sites 1A-1, 1H, and 6A. A ROD addressing OU5 was completed in February 2008.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	01/01/80
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Facilities
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

MCB CAMP PENDLETON (Continued) **1000344642**

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	05/01/84
Priority Level:	Low priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Facilities
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	SITE INSPECTION
Date Started:	/ /
Date Completed:	06/01/87
Priority Level:	Low priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Facilities
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	/ /
Date Completed:	06/01/87
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	/ /
Date Completed:	07/14/89
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	/ /

MCB CAMP PENDLETON (Continued) **1000344642**

Date Completed: 11/21/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Notice Letters Issued
Date Started: / /
Date Completed: 05/21/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: INTERAGENCY AGREEMENT NEGOTIATIONS
Date Started: 05/18/90
Date Completed: 09/28/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FEDERAL INTERAGENCY AGREEMENT
Date Started: 09/28/90
Date Completed: 09/28/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/28/90
Date Completed: 12/07/95
Priority Level: Not reported
Operable Unit: OVERALL SITE

MCB CAMP PENDLETON (Continued) **1000344642**

Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 12/07/95
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FEDERAL FACILITY REMOVAL
Date Started: 08/15/94
Date Completed: 12/22/95
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: FEDERAL FACILITY REMOVAL
Date Started: 08/01/96
Date Completed: 09/04/97
Priority Level: Partially Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Non-Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FEDERAL FACILITY REMOVAL
Date Started: 04/22/96
Date Completed: 09/12/97
Priority Level: Partially Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Non-Time Critical
Action Anomaly: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/28/90
Date Completed: 09/30/97
Priority Level: Not reported
Operable Unit: NO ACTION SITES
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/30/97
Priority Level: Not reported
Operable Unit: NO ACTION SITES
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/28/90
Date Completed: 02/11/99
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 02/11/99
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003

MCB CAMP PENDLETON (Continued) **1000344642**

Action:	FEDERAL FACILITY REMEDIAL DESIGN
Date Started:	01/17/99
Date Completed:	06/17/99
Priority Level:	Not reported
Operable Unit:	LANDFILL
Primary Responsibility:	Federal Facilities
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	FEDERAL FACILITY FIVE YEAR REVIEW
Date Started:	06/25/01
Date Completed:	08/19/02
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Facilities
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	FEDERAL FACILITY FEASIBILITY STUDY
Date Started:	09/06/01
Date Completed:	02/27/04
Priority Level:	Not reported
Operable Unit:	SOILS-OU04
Primary Responsibility:	Federal Facilities
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	006
Action:	FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	09/06/01
Date Completed:	02/27/04
Priority Level:	Not reported
Operable Unit:	SOILS-OU04
Primary Responsibility:	Federal Facilities
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	Explanation Of Significant Differences
Date Started:	/ /
Date Completed:	09/22/04
Priority Level:	Not reported
Operable Unit:	OVERALL SITE

MCB CAMP PENDLETON (Continued) **1000344642**

Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 06/15/07
Priority Level: Not reported
Operable Unit: SOILS-OU04
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: FEDERAL FACILITY FIVE YEAR REVIEW
Date Started: / /
Date Completed: 09/27/07
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: FEDERAL FACILITY REMOVAL
Date Started: 09/06/01
Date Completed: 10/29/07
Priority Level: Not reported
Operable Unit: SOILS-OU04
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 06/15/07
Date Completed: 10/29/07
Priority Level: Not reported
Operable Unit: SOILS-OU04
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 02/03/03
Date Completed: 02/21/08
Priority Level: Not reported
Operable Unit: SOILS-OU05
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 02/21/08
Date Completed: 02/21/08
Priority Level: Not reported
Operable Unit: SOILS-OU05
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 02/21/08
Priority Level: Not reported
Operable Unit: SOILS-OU05
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Explanation Of Significant Differences
Date Started: / /
Date Completed: 05/27/08
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

MCB CAMP PENDLETON (Continued) **1000344642**

Action Code: 004
Action: FEDERAL FACILITY FIVE YEAR REVIEW
Date Started: / /
Date Completed: 08/28/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: FEDERAL FACILITY REMOVAL
Date Started: 04/06/06
Date Completed: 09/28/09
Priority Level: Not reported
Operable Unit: SOILS-OU05
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 02/21/08
Date Completed: 09/29/09
Priority Level: Not reported
Operable Unit: SOILS-OU05
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Explanation Of Significant Differences
Date Started: / /
Date Completed: 07/09/10
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 02/21/08

MCB CAMP PENDLETON (Continued) **1000344642**

Date Completed: 09/02/10
Priority Level: Not reported
Operable Unit: SOILS-OU05
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 08/01/99
Date Completed: 09/07/10
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 10/29/07
Date Completed: 09/07/10
Priority Level: Not reported
Operable Unit: SOILS-OU04
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 06/23/99
Date Completed: 08/29/11
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 10/29/07
Date Completed: 08/29/11
Priority Level: Not reported
Operable Unit: SOILS-OU04

MCB CAMP PENDLETON (Continued) **1000344642**

Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 011
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 04/19/13
Priority Level: Not reported
Operable Unit: SOILS-OU05
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Restoration Advisory Board
Date Started: 09/05/96
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Not reported
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 10/01/09
Date Completed: / /
Priority Level: Not reported
Operable Unit: GROUNDWATER
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:
Fed Register Date: 11/21/89
Fed Register Volume: 54
Page Number: 48184

Fed Register Date: 07/14/89
Fed Register Volume: 54
Page Number: 29820

MCB CAMP PENDLETON (Continued) **1000344642**

Click this hyperlink while viewing on your computer to access
92 additional US CERCLIS Financial: record(s) in the EDR Site Report.

CORRACTS:

EPA ID: CA2170023533
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20040405
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 56199
All Other Support Services
Original schedule date: 20040405
Schedule end date: Not reported

EPA ID: CA2170023533
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20040405
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 56199
All Other Support Services
Original schedule date: 20040405
Schedule end date: Not reported

EPA ID: CA2170023533
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): 56199
All Other Support Services
Original schedule date: 20010309
Schedule end date: Not reported

EPA ID: CA2170023533
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): 56199
All Other Support Services
Original schedule date: 20010309
Schedule end date: Not reported

EPA ID: CA2170023533
EPA Region: 09
Area Name: OU 1 (GROUP A)
Actual Date: 19960923
Action: CA150 - RFI Workplan Approved

MCB CAMP PENDLETON (Continued) **1000344642**

NAICS Code(s): 56199
All Other Support Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA2170023533
EPA Region: 09
Area Name: OU 1 (GROUP A)
Actual Date: 19960923
Action: CA200 - RFI Approved
NAICS Code(s): 56199
All Other Support Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA2170023533
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20130430
Action: CA200 - RFI Approved
NAICS Code(s): 56199
All Other Support Services
Original schedule date: 20130530
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 03/01/2014
Facility name: MCB CAMP PENDLETON
Facility address: BLDG 22165 CAMP PENDLETON
CAMP PENDLETON, CA 92055
EPA ID: CA2170023533
Mailing address: 22165 CAMP PENDLETON
CAMP PENDLETON, CA 92055
Contact: LUIS R LEDESMA
Contact address: 22165 CAMP PENDLETON
CAMP PENDLETON, CA 92055
Contact country: Not reported
Contact telephone: (760) 725-4375
Contact email: LUIS.LEDESMA@USMC.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

MCB CAMP PENDLETON (Continued) **1000344642**

Owner/Operator Summary:
- Owner/operator name: GOVERNMENT
- Owner/operator address: 22165 CAMP PENDLETON
  CAMP PENDLETON, CA 92055
- Owner/operator country: Not reported
- Owner/operator telephone: (760) 725-4375
- Legal status: Federal
- Owner/Operator Type: Owner
- Owner/Op start date: 06/27/1985
- Owner/Op end date: Not reported

- Owner/operator name: MCB CAMP PENDLETON
- 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: 06/27/1985
- Owner/Op end date: Not reported

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

Universal Waste Summary:
- Waste type: Batteries
- Accumulated waste on-site: Yes
- Generated waste on-site: No

- Waste type: Lamps
- Accumulated waste on-site: Yes
- Generated waste on-site: No

- Waste type: Pesticides
- Accumulated waste on-site: Yes
- Generated waste on-site: No

- Waste type: Thermostats
- Accumulated waste on-site: Yes
- Generated waste on-site: No

. Waste code: 123

MCB CAMP PENDLETON (Continued) **1000344642**

. Waste name: 123

. Waste code: 132
. Waste name: 132

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 172
. Waste name: 172

. Waste code: 181
. Waste name: 181

. Waste code: 213
. Waste name: 213

. Waste code: 214
. Waste name: 214

. Waste code: 223
. Waste name: 223

. Waste code: 281
. Waste name: 281

. Waste code: 311
. Waste name: 311

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 461
. Waste name: 461

. Waste code: 551
. Waste name: 551

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002

MCB CAMP PENDLETON (Continued) **1000344642**

. 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: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

Historical Generators:
Date form received by agency: 03/05/2012
Site name: MCB CAMP PENDLETON
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

MCB CAMP PENDLETON (Continued) **1000344642**

. 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: 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: U188
. Waste name: PHENOL

Date form received by agency: 03/01/2010
Site name: MCB CAMP PENDLETON
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

MCB CAMP PENDLETON (Continued) **1000344642**

. 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: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U188
. Waste name: PHENOL

Date form received by agency: 02/25/2008
Site name: USMC CAMP PENDLETON
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

MCB CAMP PENDLETON (Continued) **1000344642**

. 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: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/27/2006
Site name: USMC CAMP PENDLETON
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

MCB CAMP PENDLETON (Continued) **1000344642**

. 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: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/11/2004
Site name: USMC CAMP PENDLETON
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: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

MCB CAMP PENDLETON (Continued) **1000344642**

. Waste code: D011
. Waste name: SILVER

. Waste code: D026
. Waste name: CRESOL

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

Date form received by agency: 02/27/2002
Site name: USMC CAMP PENDLETON
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

MCB CAMP PENDLETON (Continued) **1000344642**

. Waste code: D004
. Waste name: ARSENIC

. 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: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

Date form received by agency: 10/12/2000

MCB CAMP PENDLETON (Continued) **1000344642**

Site name: USMC CAMP PENDLETON
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: MARINE CORPS BASE CAMP PENDLETON
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: USMC CAMP PENDLETON
Classification: Large Quantity Generator

Date form received by agency: 02/29/1996
Site name: USMC, CAMP PENDLETON
Classification: Large Quantity Generator

Date form received by agency: 02/29/1992
Site name: MARINE CORPS BASE
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Site name: USMC CAMP PENDLETON
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): 70149

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): 273867

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): 31355

Waste code: D004
Waste name: ARSENIC

MCB CAMP PENDLETON (Continued) **1000344642**

Amount (Lbs): 399

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 172

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 202

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 14327

Waste code: D008
Waste name: LEAD
Amount (Lbs): 269955

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 314

Waste code: D011
Waste name: SILVER
Amount (Lbs): 189

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 14835

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 69

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): 70

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.

MCB CAMP PENDLETON (Continued) **1000344642**

Amount (Lbs): 352

Corrective Action Summary:

Event date: 05/01/1984
Event: CA049PA

Event date: 05/01/1984
Event: CA029SF

Event date: 06/01/1987
Event: CA049SI

Event date: 10/24/1990
Event: CMS Imposition

Event date: 10/24/1990
Event: RFI Imposition

Event date: 11/02/1992
Event: RFA Completed, Assessment was an RFA.

Event date: 07/25/1994
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event date: 07/25/1994
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

Event date: 09/23/1996
Event: RFI Approved

Event date: 09/23/1996
Event: RFI Workplan Approved

Event date: 06/03/1998
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 06/03/1998
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

Event date: 06/03/1998
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 03/09/2001
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

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

MCB CAMP PENDLETON (Continued) **1000344642**

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: 04/05/2004
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 04/05/2004
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: 04/05/2004
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: 04/05/2004
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 04/30/2013
Event: RFI Approved

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/09/2010
Date achieved compliance: 03/09/2010
Violation lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/09/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/13/2009
Date achieved compliance: 03/17/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/13/2009
Date achieved compliance: 03/17/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/31/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/04/2008
Date achieved compliance: 11/24/2008
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
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: 09/30/2008
Date achieved compliance: 10/07/2008
Violation lead agency: State
Enforcement action: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

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: 09/30/2008
Date achieved compliance: 10/07/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/30/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/15/2008
Date achieved compliance: 04/14/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/15/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/27/2007
Date achieved compliance: 01/29/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/27/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/05/2007
Date achieved compliance: 11/05/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/2007

MCB CAMP PENDLETON (Continued) **1000344642**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/05/2007
Date achieved compliance: 01/29/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/31/2007
Date achieved compliance: 09/05/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/31/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/10/2007
Date achieved compliance: 09/06/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/10/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 01/22/2007
Date achieved compliance: 02/05/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/22/2007
Enf. disposition status: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 01/22/2007
Date achieved compliance: 02/05/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/22/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 02/22/2006
Date achieved compliance: 03/23/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/22/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/22/2001
Date achieved compliance: 03/02/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/23/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/25/1998
Date achieved compliance: 12/10/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

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: 12/21/1995
Date achieved compliance: 12/21/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/21/1995
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 ALL
Area of violation: LDR - General
Date violation determined: 12/21/1995
Date achieved compliance: 12/21/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/21/1995
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/28/1994
Date achieved compliance: 03/21/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 04/22/1994
Date achieved compliance: 05/18/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 04/22/1994
Date achieved compliance: 05/18/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/1994
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: 04/14/1994
Date achieved compliance: 04/20/1994
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: 04/13/1994
Date achieved compliance: 04/14/1994
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: 04/07/1994
Date achieved compliance: 04/13/1994
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

MCB CAMP PENDLETON (Continued) **1000344642**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/05/1994
Date achieved compliance: 04/07/1994
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: 04/01/1994
Date achieved compliance: 04/05/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/31/1994
Date achieved compliance: 04/01/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/30/1994
Date achieved compliance: 03/31/1994
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

MCB CAMP PENDLETON (Continued) **1000344642**

Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/25/1994
Date achieved compliance: 03/30/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/16/1994
Date achieved compliance: 03/25/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/03/1994
Date achieved compliance: 03/16/1994
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: 02/23/1994
Date achieved compliance: 03/03/1994
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

MCB CAMP PENDLETON (Continued) **1000344642**

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/16/1994
Date achieved compliance: 02/23/1994
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: 02/09/1994
Date achieved compliance: 02/16/1994
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: 02/02/1994
Date achieved compliance: 02/09/1994
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: 01/27/1994
Date achieved compliance: 02/02/1994
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

MCB CAMP PENDLETON (Continued) **1000344642**

Area of violation: Generators - General
Date violation determined: 01/26/1994
Date achieved compliance: 01/27/1994
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: 01/24/1994
Date achieved compliance: 01/26/1994
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: 01/19/1994
Date achieved compliance: 01/24/1994
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: 12/02/1993
Date achieved compliance: 01/19/1994
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

MCB CAMP PENDLETON (Continued) **1000344642**

Date violation determined: 10/20/1993
Date achieved compliance: 12/02/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 10/13/1993
Date achieved compliance: 10/20/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 10/06/1993
Date achieved compliance: 10/13/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 09/22/1993
Date achieved compliance: 10/06/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/11/1993

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 09/22/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/21/1993
Date achieved compliance: 08/11/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/14/1993
Date achieved compliance: 07/21/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/07/1993
Date achieved compliance: 07/14/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/10/1993
Date achieved compliance: 07/07/1993

MCB CAMP PENDLETON (Continued) **1000344642**

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: 05/26/1993
Date achieved compliance: 06/10/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/19/1993
Date achieved compliance: 05/26/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/05/1993
Date achieved compliance: 05/19/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/28/1993
Date achieved compliance: 05/05/1993
Violation lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

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: 04/22/1993
Date achieved compliance: 04/28/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/21/1993
Date achieved compliance: 04/22/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/08/1993
Date achieved compliance: 04/21/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/07/1993
Date achieved compliance: 04/08/1993
Violation lead agency: State
Enforcement action: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/17/1993
Date achieved compliance: 04/07/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/11/1993
Date achieved compliance: 03/17/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/10/1993
Date achieved compliance: 03/11/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/08/1993
Date achieved compliance: 03/10/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/04/1993
Date achieved compliance: 03/08/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/03/1993
Date achieved compliance: 03/04/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/01/1993
Date achieved compliance: 03/03/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/24/1993
Date achieved compliance: 03/01/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

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: 02/19/1993
Date achieved compliance: 02/24/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/17/1993
Date achieved compliance: 02/19/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/10/1993
Date achieved compliance: 02/17/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/01/1993
Date achieved compliance: 02/10/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

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: 01/13/1993
Date achieved compliance: 02/01/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 01/06/1993
Date achieved compliance: 01/13/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 264.270-282.M
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 264.270-282.M
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 262.50-60
Area of violation: Generators - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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

MCB CAMP PENDLETON (Continued) **1000344642**

Paid penalty amount: Not reported

Regulation violated: FR - 264.250-258.L
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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

MCB CAMP PENDLETON (Continued) **1000344642**

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 264.10-18.B

MCB CAMP PENDLETON (Continued) **1000344642**

Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 262.50-60
Area of violation: Generators - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 262.20-23.B
Area of violation: Generators - General

MCB CAMP PENDLETON (Continued) **1000344642**

Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/05/1992

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 264.250-258.L
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/1992
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 - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 11/05/1992
Date achieved compliance: 03/17/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/17/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 64000
Paid penalty amount: 64000

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 10/21/1992
Date achieved compliance: 01/06/1993

MCB CAMP PENDLETON (Continued) **1000344642**

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: 10/08/1992
Date achieved compliance: 10/21/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 10/06/1992
Date achieved compliance: 10/08/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 09/02/1992
Date achieved compliance: 09/21/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/26/1992
Date achieved compliance: 09/02/1992
Violation lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/12/1992
Date achieved compliance: 08/26/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/10/1992
Date achieved compliance: 08/12/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/05/1992
Date achieved compliance: 08/10/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/15/1992
Date achieved compliance: 07/29/1992
Violation lead agency: State
Enforcement action: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 07/01/1992
Date achieved compliance: 07/15/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/24/1992
Date achieved compliance: 07/01/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/18/1992
Date achieved compliance: 06/24/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/11/1992
Date achieved compliance: 06/18/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

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: 06/10/1992
Date achieved compliance: 06/11/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/03/1992
Date achieved compliance: 06/10/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/27/1992
Date achieved compliance: 06/03/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/20/1992
Date achieved compliance: 05/27/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

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: 05/13/1992
Date achieved compliance: 05/20/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/07/1992
Date achieved compliance: 05/13/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 05/06/1992
Date achieved compliance: 05/07/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/15/1992
Date achieved compliance: 05/06/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

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: 04/08/1992
Date achieved compliance: 04/15/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/01/1992
Date achieved compliance: 04/08/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/25/1992
Date achieved compliance: 04/01/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/18/1992
Date achieved compliance: 03/25/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/17/1992
Date achieved compliance: 03/18/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/03/1992
Date achieved compliance: 03/17/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/02/1992
Date achieved compliance: 03/03/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/25/1992
Date achieved compliance: 02/26/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

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: 02/18/1992
Date achieved compliance: 02/25/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/17/1991
Date achieved compliance: 02/18/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 11/12/1991
Date achieved compliance: 08/14/1992
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 11/12/1991
Date achieved compliance: 08/14/1992
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/10/1991
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

MCB CAMP PENDLETON (Continued) **1000344642**

Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/12/1991
Date achieved compliance: 08/14/1992
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 11/12/1991
Date achieved compliance: 08/14/1992
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/12/1991
Date achieved compliance: 08/14/1992
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/10/1991
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 - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 11/12/1991
Date achieved compliance: 08/14/1992
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/12/1991
Date achieved compliance: 08/14/1992
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/10/1991
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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 10/08/1991
Date achieved compliance: 12/17/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 10/01/1991
Date achieved compliance: 10/08/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 09/19/1991
Date achieved compliance: 10/01/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A

MCB CAMP PENDLETON (Continued) **1000344642**

Area of violation: Generators - General
Date violation determined: 08/21/1991
Date achieved compliance: 09/19/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/12/1990
Date achieved compliance: 07/24/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/08/1990
Date achieved compliance: 12/12/1990
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: 11/06/1990
Date achieved compliance: 11/08/1990
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

MCB CAMP PENDLETON (Continued) **1000344642**

Date violation determined: 10/27/1990
Date achieved compliance: 11/06/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 07/17/1990
Date achieved compliance: 08/15/1992
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/22/1991
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: 07/17/1990
Date achieved compliance: 08/15/1992
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/22/1991
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 ALL
Area of violation: LDR - General
Date violation determined: 07/17/1990
Date achieved compliance: 08/15/1992
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/22/1991
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 07/17/1990

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 08/15/1992
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/22/1991
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 ALL
Area of violation: LDR - General
Date violation determined: 06/28/1989
Date achieved compliance: 11/30/1989
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 - 268.7
Area of violation: LDR - General
Date violation determined: 06/28/1989
Date achieved compliance: 11/30/1989
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: 06/28/1989
Date achieved compliance: 11/30/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/16/1989
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: 06/28/1989
Date achieved compliance: 11/30/1989

MCB CAMP PENDLETON (Continued) **1000344642**

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 - 268.7
Area of violation: LDR - General
Date violation determined: 06/28/1989
Date achieved compliance: 11/30/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/16/1989
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: 06/28/1989
Date achieved compliance: 11/30/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/16/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 04/06/1988
Date achieved compliance: 04/06/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/31/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/12/1988
Date achieved compliance: 06/28/1989
Violation lead agency: EPA

MCB CAMP PENDLETON (Continued) **1000344642**

Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/12/1988
Date achieved compliance: 06/28/1989
Violation lead agency: EPA
Enforcement action: STATE TO EPA ADMINISTRATIVE REFERRAL
Enforcement action date: 05/17/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/12/1988
Date achieved compliance: 06/28/1989
Violation lead agency: EPA
Enforcement action: STATE TO EPA ADMINISTRATIVE REFERRAL
Enforcement action date: 05/17/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/12/1988
Date achieved compliance: 06/28/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/26/1988
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/12/1988
Date achieved compliance: 06/28/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL

MCB CAMP PENDLETON (Continued) **1000344642**

Enforcement action date: 09/26/1988
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: 01/12/1988
Date achieved compliance: 06/28/1989
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: 03/12/1987
Date achieved compliance: 01/12/1988
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 - 268 ALL
Area of violation: LDR - General
Date violation determined: 03/12/1987
Date achieved compliance: 01/12/1988
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 03/12/1987
Date achieved compliance: 01/12/1988
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/26/1988

MCB CAMP PENDLETON (Continued) **1000344642**

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: 03/12/1987
Date achieved compliance: 01/12/1988
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/26/1988
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 - 268.7
Area of violation: LDR - General
Date violation determined: 03/12/1987
Date achieved compliance: 01/12/1988
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 - 268 ALL
Area of violation: LDR - General
Date violation determined: 03/12/1987
Date achieved compliance: 01/12/1988
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/26/1988
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 03/12/1987
Date achieved compliance: 01/12/1988
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

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: 03/12/1987
Date achieved compliance: 01/12/1988
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/26/1988
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

Evaluation Action Summary:
Evaluation date: 10/18/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/04/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/06/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/23/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/16/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/10/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 03/09/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/09/2010
Evaluation lead agency: State

Evaluation date: 03/09/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/02/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/12/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/02/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/01/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/24/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/29/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/28/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/26/2009
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: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/19/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/23/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/09/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/13/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/13/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/17/2009
Evaluation lead agency: State

Evaluation date: 12/09/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/02/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 11/19/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/18/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/04/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/24/2008
Evaluation lead agency: State

Evaluation date: 11/04/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/29/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/28/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/23/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/22/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/21/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/20/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/07/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/30/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/07/2008
Evaluation lead agency: State

Evaluation date: 09/30/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/23/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/16/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/09/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/28/2008
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/13/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 07/31/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/24/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/15/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/15/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/14/2008
Evaluation lead agency: State

Evaluation date: 01/08/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/05/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/27/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/29/2008
Evaluation lead agency: State

Evaluation date: 11/27/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/05/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/05/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 11/05/2007
Evaluation lead agency: State

Evaluation date: 11/05/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/17/2009
Evaluation lead agency: State

Evaluation date: 11/05/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/29/2008
Evaluation lead agency: State

Evaluation date: 11/01/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/31/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/18/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/17/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/16/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/15/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/09/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 08/14/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/31/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/05/2007
Evaluation lead agency: State

Evaluation date: 07/31/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/17/2009
Evaluation lead agency: State

Evaluation date: 07/31/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/10/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/06/2007
Evaluation lead agency: State

Evaluation date: 07/10/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/22/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 02/05/2007
Evaluation lead agency: State

Evaluation date: 01/22/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/05/2007
Evaluation lead agency: State

Evaluation date: 02/22/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 03/23/2006
Evaluation lead agency: State

Evaluation date: 05/26/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/22/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/18/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/27/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/22/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/02/2001
Evaluation lead agency: State

Evaluation date: 03/21/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/23/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/10/1998
Evaluation lead agency: State

Evaluation date: 03/31/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/06/1988
Evaluation lead agency: State

Evaluation date: 10/23/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/21/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 12/21/1995
Evaluation lead agency: State

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 12/21/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/21/1995
Evaluation lead agency: State

Evaluation date: 03/21/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/21/1995
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/20/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/18/1994
Evaluation lead agency: State

Evaluation date: 04/20/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/18/1994
Evaluation lead agency: State

Evaluation date: 04/14/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/20/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/13/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/14/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/07/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/13/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/05/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/07/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/01/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 04/05/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/31/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/01/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/30/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/31/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/30/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/16/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/25/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/03/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/16/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/23/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/03/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/16/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/23/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/16/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/02/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/09/1994
Evaluation lead agency: State Contractor/Grantee

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 01/27/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/02/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/27/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/26/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/19/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/24/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/02/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/19/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/20/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/02/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/20/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/06/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/13/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/22/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/06/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/11/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 09/22/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/21/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/11/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/14/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/21/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/14/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/07/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/26/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/10/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/19/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/26/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/05/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/19/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/28/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/05/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/22/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/28/1993
Evaluation lead agency: State Contractor/Grantee

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 04/21/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/22/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/21/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/08/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/07/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/11/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/17/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/11/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/10/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/04/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/08/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/03/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/04/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/01/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 03/03/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/01/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/19/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/24/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/19/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/17/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/01/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/10/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/01/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/06/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/13/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/21/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/06/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/08/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/21/1992
Evaluation lead agency: State Contractor/Grantee

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 10/06/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/08/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/21/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/17/1995
Evaluation lead agency: State

Evaluation date: 09/21/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/17/1995
Evaluation lead agency: State

Evaluation date: 09/21/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/17/1995
Evaluation lead agency: State

Evaluation date: 09/21/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 03/17/1995
Evaluation lead agency: State

Evaluation date: 09/02/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/21/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/26/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/02/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/14/1992
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/12/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/26/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/10/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 08/12/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/05/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/10/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/29/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/15/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/29/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/01/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/15/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/24/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/01/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/18/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/24/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/11/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/18/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/10/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/11/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/03/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/10/1992
Evaluation lead agency: State Contractor/Grantee

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 05/27/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/03/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/20/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/27/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/13/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/20/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/07/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/13/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/06/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/07/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/15/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/06/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/08/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/15/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/01/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/08/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/25/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/01/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/18/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 03/25/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/17/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/18/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/03/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/17/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/02/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/03/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/26/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/25/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/26/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/18/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/25/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/17/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/18/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/12/1991
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 10/08/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/17/1991
Evaluation lead agency: State Contractor/Grantee

MCB CAMP PENDLETON (Continued) **1000344642**

Evaluation date: 10/01/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/08/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/19/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/01/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/21/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/19/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/24/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/14/1992
Evaluation lead agency: EPA

Evaluation date: 07/24/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/14/1992
Evaluation lead agency: EPA

Evaluation date: 07/24/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/14/1992
Evaluation lead agency: EPA

Evaluation date: 12/12/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/24/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/08/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/12/1990
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/06/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/08/1990
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/27/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

MCB CAMP PENDLETON (Continued) **1000344642**

Date achieved compliance: 11/06/1990
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/17/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/15/1992
Evaluation lead agency: EPA

Evaluation date: 07/17/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/15/1992
Evaluation lead agency: EPA

Evaluation date: 06/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/30/1989
Evaluation lead agency: EPA

Evaluation date: 06/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/30/1989
Evaluation lead agency: EPA

Evaluation date: 01/12/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/28/1989
Evaluation lead agency: EPA

Evaluation date: 01/12/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 06/28/1989
Evaluation lead agency: EPA

Evaluation date: 03/12/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/12/1988
Evaluation lead agency: EPA

Evaluation date: 03/12/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 01/12/1988
Evaluation lead agency: EPA

Evaluation date: 03/12/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 01/12/1988
Evaluation lead agency: EPA
Site Name: SITE 00007

MCB CAMP PENDLETON (Continued) **1000344642**

Site Description: BOX CANYON LANDFILL
Facility Status: CA
Owner Name: FACILITY ENGINEERING COMMAND, SOUTHWEST
Program Name: Not reported
UIC number: M00681
Environment Zone Id Number: M00681_000002
Environment Zone Description: BOX CANYON LANDFILL
Type Of Environmental Zone: Land use control zone
Land Use Control Description: Box Canyon Landfill and two CAMUs placed over the landfill containing metal and pesticide impacted soils
Restriction Type: ACCESS
Restriction Type Defition: Prohibits access, unless prior written approval of the Navy and lead regulatory agency is obtained.
Start Date Of Restriction: 3/1/1999
Restriction Comments: Not reported
LUC Status: Original Plan
LUC Status Date: 10/3/2011
DOD Cmd: SOUTHWEST

US ENG CONTROLS:
EPA ID: CA2170023533
Site ID: 0902732
Name: CAMP PENDLETON MARINE CORPS BASE
Address: CAMP PENDLETON MARINE BASE
CAMP PENDLETON, CA 92055
EPA Region: 09
County: SAN DIEGO
Event Code: Not reported
Actual Date: 09/30/2010
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 09/22/2004
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: No Further Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 05/27/2008
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 05/27/2008

MCB CAMP PENDLETON (Continued) **1000344642**

Operable Unit: 03
Contaminated Media : Solid Waste
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: Explanation Of Significant Differences
Action Completion date: 07/09/2010
Operable Unit: 03
Contaminated Media : Solid Waste
Engineering Control: Non-fundamental change (ESD)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/07/1995
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/07/1995
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Natural Attenuation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/07/1995
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 02
Contaminated Media : Groundwater

MCB CAMP PENDLETON (Continued) **1000344642**

Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1997
Operable Unit: 02
Contaminated Media : Surface Water
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Hydraulic Control
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Sediment
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Evapotranspiration Cover
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Leachate Control
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Revegetation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Sampling
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

MCB CAMP PENDLETON (Continued) **1000344642**

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Surface Drainage Control
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 02/11/1999
Operable Unit: 03
Contaminated Media : Surface Water
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 06/15/2007
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 06/15/2007
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 06/15/2007
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: No Further Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 004
Action Name: RECORD OF DECISION

MCB CAMP PENDLETON (Continued) **1000344642**

Action Completion date: 06/15/2007
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Sampling
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 06/15/2007
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Solidification/Stabilization (Ex-Situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 02/21/2008
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 02/21/2008
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 02/21/2008
Operable Unit: 05
Contaminated Media : Soil
Engineering Control: No Further Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 02/21/2008
Operable Unit: 05

MCB CAMP PENDLETON (Continued) **1000344642**

Contaminated Media : Soil
Engineering Control: Solidification/Stabilization (Ex-Situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

US INST CONTROL:
EPA ID: CA2170023533
Site ID: 0902732
Name: CAMP PENDLETON MARINE CORPS BASE
Action Name: RECORD OF DECISION
Address: CAMP PENDLETON MARINE BASE
CAMP PENDLETON, CA 92055
EPA Region: 09
County: SAN DIEGO
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: 12/31/1995
Complet. Date: 12/07/1995
Operable Unit: 01
Contaminated Media : Groundwater
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: CA2170023533
Site ID: 0902732
Name: CAMP PENDLETON MARINE CORPS BASE
Action Name: RECORD OF DECISION
Address: CAMP PENDLETON MARINE BASE
CAMP PENDLETON, CA 92055
EPA Region: 09
County: SAN DIEGO
Event Code: Not reported
Inst. Control: Land Use Restriction
Actual Date: 03/31/1999
Complet. Date: 02/11/1999
Operable Unit: 03
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Latitude : Not reported
Longitude : Not reported

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:
PRP name: NAVAL FACILITIES ENGINEERING COMMAND
STATE OF CALIFORNIA/DEPT. OF HEALTH SERVICES
STATE OF CALIFORNIA/DEPT. OF HEALTH SERVICES
STATE OF CALIFORNIA/DEPT. OF WATER QUALITY
STATE OF CALIFORNIA/DEPT. OF WATER QUALITY

MCB CAMP PENDLETON (Continued) **1000344642**

STATE OF CALIFORNIA/DEPT. OF WATER QUALITY
USM CORP.
USM CORP.

A1 **CARPENTERS TOWING** **SLIC** **S106062165**
NNW **1501 N COAST HWY** **San Diego Co. HMMD** **N/A**
1/8-1/4 **OCEANSIDE, CA 92054**
0.187 mi.
987 ft. **Site 1 of 3 in cluster A**

Relative:
Higher

Actual:
67 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/13/2013
Global Id:	T0608146740
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H23779-001
Latitude:	33.208832
Longitude:	-117.386765
Case Type:	Cleanup Program Site
Case Worker:	VAP
Local Agency:	SAN DIEGO COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

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

SAN DIEGO CO. HMMD:

Facility Id:	123779
Business Type:	6HK26
EPA Id Number:	CAL000214759
APN:	143-090-05-00
Last HMMD Inspection:	10/09/2003
Permit Status:	INAC
Permit Expiration:	08/31/2005
Facility Owner:	WILLSEY ENTERPRISES
Facility Address:	1357 N PIONEER WY
Facility City:	EL CAJON
Facility State:	CA
Facility Zip:	92020-
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 123779 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	123779
Tank Type:	SINGLE WALL
Additional Id:	550
Capacity Gallons:	500

CARPENTERS TOWING (Continued) **S106062165**

UST Contents:	Not reported
Other Content Info:	WASTE OIL
Reg Status:	REMOVED
Remove Close Date:	1998-11-05 00:00:00
Year Installed:	Not reported
Pipe Type:	UNKNOWN
Delivery System:	GRAVITY
Monitor Code:	Not reported
UST Monitor Method:	Not reported

Violations Inactive Permits:

Facility Id:	123779
Update Date:	11/02/2012
Inspection Date:	10/09/2003
Violation Code:	6HV0210
Violation:	DID NOT CLEAN SPILL TO FLOOR
Violation Citation:	Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity:	Inactive Permit

Facility Id:	123779
Update Date:	11/02/2012
Inspection Date:	10/09/2003
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	Inactive Permit

Facility Id:	123779
Update Date:	11/02/2012
Inspection Date:	10/09/2003
Violation Code:	6HV0131
Violation:	UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation:	A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity:	Inactive Permit

Facility Id:	123779
Update Date:	11/02/2012
Inspection Date:	10/09/2003
Violation Code:	6HV0135
Violation:	MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation:	Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity:	Inactive Permit

Facility Id:	123779
Update Date:	11/02/2012
Inspection Date:	10/09/2003
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	Inactive Permit

CARPENTERS TOWING (Continued) **S106062165**

Facility Id:	123779
Update Date:	11/02/2012
Inspection Date:	10/09/2003
Violation Code:	6HV0201
Violation:	WASTE CONTAINER NOT CLOSED
Violation Citation:	Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity:	Inactive Permit

A2 **CARPENTERS GARAGE** **SAN DIEGO CO. SAM** **S106916084**
NNW **1501 N COAST HY** **N/A**
1/8-1/4 **OCEANSIDE, CA 92054**
0.187 mi.
987 ft. **Site 2 of 3 in cluster A**

Relative:
Higher

Actual:
67 ft.

SAN DIEGO CO. SAM:

Case Number:	H23779-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**Non Billable**
Facility Type:	Soils Only
Facility Status:	Preliminary Assessment
Date:	2/14/1992
Date Began:	2/14/1992

A3 **CARPENTERS GARAGE** **SWEEPS UST** **S106924047**
NNW **1501 N HILL ST** **N/A**
1/8-1/4 **OCEANSIDE, CA 92054**
0.187 mi.
987 ft. **Site 3 of 3 in cluster A**

Relative:
Higher

Actual:
67 ft.

SWEEPS UST:

Status:	Active
Comp Number:	23779
Number:	9
Board Of Equalization:	44-023600
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-023779-000001
Tank Status:	A
Capacity:	500
Active Date:	Not reported
Tank Use:	PETROLEUM
STG:	W
Content:	Not reported
Number Of Tanks:	1

4
SSE
1/8-1/4
0.200 mi.
1054 ft.

VERN E BOE
1003 N COAST HWY
OCEANSIDE, CA 92054

RCRA-SQG
FINDS
HAZNET
ECHO

1001481079
CAR000049999

Relative:
Higher

Actual:
59 ft.

RCRA-SQG:

Date form received by agency:	03/10/1999
Facility name:	VERN E BOE
Facility address:	1003 N COAST HWY OCEANSIDE, CA 92054
EPA ID:	CAR000049999
Mailing address:	1533 S COAST HWY UNIT D OCEANSIDE, CA 92054
Contact:	KENT THEDAKER
Contact address:	4749 OCEANSIDE BLVD UNIT J OCEANSIDE, CA 92056
Contact country:	US
Contact telephone:	(760) 631-0631
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:	VERN E BOE
Owner/operator address:	1533 S COAST HWY UNIT D OCEANSIDE, CA 92054
Owner/operator country:	Not reported
Owner/operator telephone:	(760) 754-1984
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

. Waste code:	D001
. Waste name:	IGNITABLE WASTE

VERN E BOE (Continued) **1001481079**

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110002926923

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.

HAZNET:

envid:	1001481079
Year:	1999
GEPAID:	CAR000049999
Contact:	VERN E BOE
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1533 S COAST HWY UNIT D
Mailing City,St,Zip:	OCEANSIDE, CA 920540000
Gen County:	Not reported
TSD EPA ID:	CAD000088252
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Not reported
Tons:	.0000
Cat Decode:	Other organic solids
Method Decode:	Not reported
Facility County:	San Diego

envid:	1001481079
Year:	1999

VERN E BOE (Continued) **1001481079**

GEPAID: CAR000049999
Contact: VERN E BOE
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1533 S COAST HWY UNIT D
Mailing City,St,Zip: OCEANSIDE, CA 920540000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 1.6054
Cat Decode: Unspecified oil-containing waste
Method Decode: Transfer Station
Facility County: San Diego

envid: 1001481079
Year: 1999
GEPAID: CAR000049999
Contact: VERN E BOE
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1533 S COAST HWY UNIT D
Mailing City,St,Zip: OCEANSIDE, CA 920540000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 1.6054
Cat Decode: Unspecified oil-containing waste
Method Decode: Not reported
Facility County: San Diego

envid: 1001481079
Year: 1999
GEPAID: CAR000049999
Contact: VERN E BOE
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1533 S COAST HWY UNIT D
Mailing City,St,Zip: OCEANSIDE, CA 920540000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Tank bottom waste
Disposal Method: Not reported
Tons: .9174
Cat Decode: Tank bottom waste
Method Decode: Not reported
Facility County: San Diego

envid: 1001481079
Year: 1999
GEPAID: CAR000049999
Contact: VERN E BOE
Telephone: 0000000000

VERN E BOE (Continued) **1001481079**

Mailing Name: Not reported
Mailing Address: 1533 S COAST HWY UNIT D
Mailing City,St,Zip: OCEANSIDE, CA 920540000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Tank bottom waste
Disposal Method: Transfer Station
Tons: 1.0000
Cat Decode: Tank bottom waste
Method Decode: Transfer Station
Facility County: San Diego

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

ECHO:
Envid: 1001481079
Registry ID: 110002926923
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002926923

B5 **HOLIDAY INN EXPRESS** **SAN DIEGO CO. SAM** **S106916314**
SSE **937 N COAST HY** **N/A**
1/8-1/4 **OCEANSIDE, CA 92054**
0.245 mi.
1296 ft. **Site 1 of 4 in cluster B**

Relative:
Higher

Actual:
59 ft.

SAN DIEGO CO. SAM:
Case Number: H35623-001
Agency: DEH Site Assessment & Mitigation
Funding: **Private - For Non-LOP Tank**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 5/8/1996
Date Began: 11/1/1995

Case Number: H35623-002
Agency: DEH Site Assessment & Mitigation
Funding: **Private - VAP**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 2/5/2003
Date Began: 12/2/2002

B6 **HOLIDAY INN EXPRESS** **LUST** **S106064635**
SSE **937 N COAST HY** **SLIC** **N/A**
1/8-1/4 **OCEANSIDE, CA 92054** **San Diego Co. HMMD**
0.245 mi.
1296 ft. **Site 2 of 4 in cluster B**

Relative:
Higher

Actual:
59 ft.

LUST:
Region: STATE
Global Id: T0607301990
Latitude: 33.202699
Longitude: -117.384894
Case Type: LUST Cleanup Site

HOLIDAY INN EXPRESS (Continued) **S106064635**

Status:	Completed - Case Closed
Status Date:	05/08/1996
Lead Agency:	SAN DIEGO COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	9UT3237
LOC Case Number:	H35623-001
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

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

Status History:

Global Id:	T0607301990
Status:	Completed - Case Closed
Status Date:	05/08/1996

Global Id:	T0607301990
Status:	Open - Case Begin Date
Status Date:	11/01/1995

Regulatory Activities:

Global Id:	T0607301990
Action Type:	Other
Date:	11/01/1995
Action:	Leak Reported

Global Id:	T0607301990
Action Type:	Other
Date:	11/01/1995
Action:	Leak Discovery

Global Id:	T0607301990
Action Type:	Other
Date:	11/01/1995
Action:	Leak Stopped

Global Id:	T0607301990
Action Type:	Other
Date:	11/01/1995
Action:	Leak Began

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/05/2003
Global Id:	T0607359602
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H35623-002
Latitude:	33.202713
Longitude:	-117.385053
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported

HOLIDAY INN EXPRESS (Continued) **S106064635**

RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

SAN DIEGO CO. HMMD:
Facility Id: 135623
Business Type: Not reported
EPA Id Number: Not reported
APN: 143-040-26-00
Last HMMD Inspection: Not reported
Permit Status: INAC
Permit Expiration: Not reported
Facility Owner: SHANTU PATEL
Facility Address: 2851 COLUMBIA DR
Facility City: OCEANSIDE
Facility State: CA
Facility Zip: 92056-
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

C7 **91191** **SWEEPS UST** **S106924375**
NNW **1601 N HILL ST** **HIST UST** **N/A**
1/8-1/4 **OCEANSIDE, CA 92054**
0.248 mi.
1308 ft. **Site 1 of 6 in cluster C**

Relative:
Higher

Actual:
65 ft.

SWEEPS UST:
Status: Active
Comp Number: 5734
Number: 9
Board Of Equalization: 44-022292
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005734-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Status: Active
Comp Number: 5734
Number: 9
Board Of Equalization: 44-022292

91191 (Continued) **S106924375**

Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005734-000002
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 5734
Number: 9
Board Of Equalization: 44-022292
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005734-000003
Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 5734
Number: 9
Board Of Equalization: 44-022292
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005734-000004
Tank Status: A
Capacity: 1500
Active Date: Not reported
Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
File Number: 0002ADFB
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ADFB.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported

91191 (Continued) **S106924375**

Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

C8 **CHEVRON/APSI 1815** **UST** **U003789261**
NNW **1601 N COAST HWY** **N/A**
1/8-1/4 **OCEANSIDE, CA 92054**
0.248 mi.
1308 ft. **Site 2 of 6 in cluster C**

Relative:
Higher

Actual:
65 ft.

UST:

Facility ID:	H05734
Permitting Agency:	SAN DIEGO COUNTY
Latitude:	33.210383
Longitude:	-117.3858831

C9 **CHEVRON STATION 9 1191** **RCRA-SQG** **1000905570**
NNW **1601 N HILL ST** **LUST** **CA0000866046**
1/8-1/4 **OCEANSIDE, CA 92054** **FINDS**
0.248 mi. **HIST CORTESE**
1308 ft. **Site 3 of 6 in cluster C** **ECHO**

Relative:
Higher

Actual:
65 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	CHEVRON STATION 9 1191
Facility address:	1601 N HILL ST OCEANSIDE, CA 92054
EPA ID:	CA0000866046
Mailing address:	PO BOX 2833 LA HABRA, CA 906322833
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

CHEVRON STATION 9 1191 (Continued) **1000905570**

Owner/Operator Summary:
- Owner/operator name: CHEVRON USA PRODUCTS CO
- Owner/operator address: PO BOX 2833
  LA HABRA, CA 90632
- Owner/operator country: Not reported
- Owner/operator telephone: (310) 694-7452
- 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

LUST REG 9:
- Region: 9
- Status: Preliminary site assessment underway
- Case Number: 9UT2966
- Local Case: H05734-002
- Substance: Gasoline
- Qty Leaked: 0
- Abate Method: Not reported
- Local Agency: San Diego
- How Found: Tank Closure
- How Stopped: Close Tank
- Source: Unknown
- Cause: Unknown
- Lead Agency: Local Agency
- Case Type: Other ground water affected
- Date Found: 12/05/1994
- Date Stopped: 12/05/1994
- Confirm Date: / /
- Submit Workplan: Not reported
- Prelim Assess: 12/05/1994
- Desc Pollution: Not reported
- Remed Plan: / /
- Remed Action: Not reported
- Began Monitor: Not reported
- Release Date: 12/05/1994
- Enforce Date: 12/5/94
- Closed Date: Not reported

CHEVRON STATION 9 1191 (Continued) **1000905570**

Enforce Type: SEL
Pilot Program: LOP
Basin Number: 903.11
GW Depth: 55'
Beneficial Use: NBNOC
NPDES Number: Not reported
Priority: 3A
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

FINDS:

Registry ID: 110002620487

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

HIST CORTESE:
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT2966

ECHO:
Envid: 1000905570
Registry ID: 110002620487
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002620487

C10
NNW
1/8-1/4
0.248 mi.
1308 ft.

CHEVRON 91191
1601 N COAST HWY
OCEANSIDE, CA 92054

Site 4 of 6 in cluster C

RCRA-LQG | **1005441251** / **CAR000117143**

Relative:
Higher

Actual:
65 ft.

RCRA-LQG:

Date form received by agency:	02/17/2008
Facility name:	CHEVRON 91191
Facility address:	1601 N COAST HWY OCEANSIDE, CA 92054
EPA ID:	CAR000117143
Mailing address:	PO BOX 6004 SAN RAMON, CA 94583
Contact:	KATHY L NORRIS
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(925) 842-5931
Contact email:	NAWTDESK@CHEVRON.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CHEVRON PRODUCTS CO.
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/07/1972
Owner/Op end date:	Not reported

Owner/operator name:	CHEVRON PRODUCTS CO.
Owner/operator address:	PO BOX 6004 SAN RAMON, CA 94583
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/07/1972
Owner/Op end date:	Not reported

Owner/operator name:	CHEVRON PRODUCTS COMPANY
Owner/operator address:	P O BOX 6004 SAN RAMON, CA 94583

CHEVRON 91191 (Continued) **1005441251**

Owner/operator country: Not reported
Owner/operator telephone: (925) 842-5931
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Historical Generators:
Date form received by agency: 05/16/2002
Site name: CHEVRON STATION 91191
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

C11 **CHEVRON/APSI 1815** **LUST U001571943**
NNW **1601 N COAST HY** **SLIC N/A**
1/8-1/4 **OCEANSIDE, CA 92054** **San Diego Co. HMMD**
0.248 mi.
1308 ft. **Site 5 of 6 in cluster C**

Relative:
Higher

Actual:
65 ft.

LUST:
Region: STATE
Global Id: T0607301732
Latitude: 33.2093688
Longitude: -117.3873655
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/06/2003
Lead Agency: SAN DIEGO COUNTY LOP

CHEVRON/APSI 1815 (Continued) **U001571943**

Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 9UT2966
LOC Case Number: H05734-002
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Status History:
Global Id: T0607301732
Status: Completed - Case Closed
Status Date: 10/06/2003

Global Id: T0607301732
Status: Open - Case Begin Date
Status Date: 12/05/1994

Regulatory Activities:
Global Id: T0607301732
Action Type: Other
Date: 12/05/1994
Action: Leak Reported

Global Id: T0607301732
Action Type: ENFORCEMENT
Date: 12/05/1994
Action: Notice of Responsibility

Global Id: T0607301732
Action Type: Other
Date: 12/05/1994
Action: Leak Discovery

Global Id: T0607301732
Action Type: Other
Date: 12/05/1994
Action: Leak Stopped

Global Id: T0607301732
Action Type: Other
Date: 12/05/1994
Action: Leak Began

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 05/22/1995
Global Id: T0608147763
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H05734-001
Latitude: 33.209231
Longitude: -117.387397
Case Type: Cleanup Program Site

CHEVRON/APSI 1815 (Continued) **U001571943**

Case Worker:	SW
Local Agency:	SAN DIEGO COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency
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:

SAN DIEGO CO. HMMD:

Facility Id:	105734
Business Type:	6HK28
EPA Id Number:	CAL000049829
APN:	143-090-17-00
Last HMMD Inspection:	03/05/2012
Permit Status:	OPEN
Permit Expiration:	10/31/2013
Facility Owner:	CHEVRON PRODUCTS COMPANY
Facility Address:	PO BOX 6004
Facility City:	SAN RAMON
Facility State:	CA
Facility Zip:	94583
UST Owner:	CHEVRON USA INC
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Y
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 105734 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	105734
Tank Type:	DOUBLE WALL
Additional Id:	1
Capacity Gallons:	12000
UST Contents:	LEADED
Other Content Info:	LEADED
Reg Status:	REMOVED
Remove Close Date:	1993-08-20 00:00:00
Year Installed:	1979-01-01 00:00:00
Pipe Type:	LINED TRENCH
Delivery System:	PRESSURE
Monitor Code:	05
UST Monitor Method:	SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name:	UNDERGROUND TANK 105734 T002
Last Update:	2012-11-02 14:17:38
Permit Number:	105734
Tank Type:	DOUBLE WALL
Additional Id:	2
Capacity Gallons:	12000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED

CHEVRON/APSI 1815 (Continued) **U001571943**

Reg Status:	REMOVED
Remove Close Date:	1993-08-20 00:00:00
Year Installed:	1979-01-01 00:00:00
Pipe Type:	LINED TRENCH
Delivery System:	PRESSURE
Monitor Code:	05
UST Monitor Method:	SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR
UST Name:	UNDERGROUND TANK 105734 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	105734
Tank Type:	DOUBLE WALL
Additional Id:	3
Capacity Gallons:	12000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	PREMIUM UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1993-08-20 00:00:00
Year Installed:	1979-01-01 00:00:00
Pipe Type:	LINED TRENCH
Delivery System:	PRESSURE
Monitor Code:	05
UST Monitor Method:	SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR
UST Name:	UNDERGROUND TANK 105734 T004
Last Update:	2012-11-02 14:17:38
Permit Number:	105734
Tank Type:	SINGLE WALL
Additional Id:	4
Capacity Gallons:	1500
UST Contents:	Not reported
Other Content Info:	WASTE OIL
Reg Status:	REMOVED
Remove Close Date:	1993-08-20 00:00:00
Year Installed:	1979-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	07
UST Monitor Method:	SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY
UST Name:	UNDERGROUND TANK 105734 T005
Last Update:	2012-11-02 14:17:38
Permit Number:	105734
Tank Type:	DOUBLE WALL
Additional Id:	005, RT1929, RT2781, RT3478, RT3792; RT5428; RT548
Capacity Gallons:	12000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	PREMIUM UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1993-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A

CHEVRON/APSI 1815 (Continued) **U001571943**

UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 105734 T006
Last Update: 2012-11-02 14:17:38
Permit Number: 105734
Tank Type: DOUBLE WALL
Additional Id: 006, RT2781, RT1929, RT3478, RT3792; RT5482
Capacity Gallons: 12000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1993-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 105734 T007
Last Update: 2012-11-02 14:17:38
Permit Number: 105734
Tank Type: DOUBLE WALL
Additional Id: 007, RT2781, RT1929, RET3792; RT5428; RT5482
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1993-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

Active Permits:

Facility Id: 105734
Update Date: 11/02/2012
Case Number: 68476346
Name: MIDDLE DISTILLATES
Other Information: LS DIESEL FUEL NO 2
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Facility Id: 105734
Update Date: 11/02/2012
Case Number: Not reported
Name: PREMIUM UNLEADED
Other Information: UNDERGROUND TANK 105734 T005 SUPER UNLEADED
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Facility Id: 105734

CHEVRON/APSI 1815 (Continued) **U001571943**

Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	REGULAR UNLEADED
Other Information:	UNDERGROUND TANK 105734 T006
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Facility Id:	105734
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information:	GASOLINE FILTERS & ABSORBENT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Facility Id:	105734
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	MIDGRADE UNLEADED
Other Information:	UNDERGROUND TANK 105734 T007 PLUS UNLEADED
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Facility Id:	105734
Update Date:	11/02/2012
Case Number:	124-38-9
Name:	CARBON DIOXIDE GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	ACUTE

Facility Id:	105734
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Other Information:	WATER & FUEL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Facility Id:	105734
Update Date:	11/02/2012
Inspection Date:	03/22/2005
Violation Code:	6HV3159
Violation:	MONITOR EQUIP NOT USED PER MANUFACTURER
Violation Citation:	Monitoring equipment not installed, calibrated, operated, and/or maintained per manufacturer's instructions. 2637(b), 2641(j).
Activity:	ACTIVE

Facility Id:	105734
Update Date:	11/02/2012
Inspection Date:	03/22/2005

CHEVRON/APSI 1815 (Continued) **U001571943**

Violation Code: 6HV3405
Violation: LLD DOESN'T DETECT 3.0 GPH OR EQUIVA
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING: OPTION 3-Line leak detector does not detect 3.0 gph or equivalent? 2636(f)(2)
Activity: ACTIVE

Facility Id: 105734
Update Date: 11/02/2012
Inspection Date: 03/25/2004
Violation Code: 6HV3115
Violation: NO 2NDARY CONTAINMT. TEST/REPAIRS
Violation Citation: Secondary containment testing not completed (passed) for all components &/or repairs to secondary containment components not completed. 25284.1, 25291(a)(2); 2637
Activity: ACTIVE

Facility Id: 105734
Update Date: 11/02/2012
Inspection Date: 03/25/2004
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Facility Id: 105734
Update Date: 11/02/2012
Inspection Date: 03/14/2003
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Facility Id: 105734
Update Date: 11/02/2012
Inspection Date: 03/25/2004
Violation Code: 6HV3159
Violation: MONITOR EQUIP NOT USED PER MANUFACTURER
Violation Citation: Monitoring equipment not installed, calibrated, operated, and/or maintained per manufacturer's instructions. 2637(b), 2641(j).
Activity: ACTIVE

Facility Id: 105734
Update Date: 11/02/2012
Inspection Date: 03/05/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Facility Id: 105734
Update Date: 11/02/2012
Inspection Date: 03/25/2004
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2

CHEVRON/APSI 1815 (Continued) **U001571943**

Activity:	ACTIVE
Facility Id:	105734
Update Date:	11/02/2012
Inspection Date:	03/22/2005
Violation Code:	6HV3406
Violation:	AUTOMATIC LLD NOT CERTIFIED ANNUALLY
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING: OPTION 3-Automatic line leak detector not certified annually 25284.1(a)(4)(C); 2630(d), 2641(j)
Activity:	ACTIVE
Facility Id:	105734
Update Date:	11/02/2012
Inspection Date:	03/04/2008
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE
Facility Id:	105734
Update Date:	11/02/2012
Inspection Date:	03/14/2003
Violation Code:	6HV3405
Violation:	LLD DOESN'T DETECT 3.0 GPH OR EQUIVA
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING: OPTION 3-Line leak detector does not detect 3.0 gph or equivalent? 2636(f)(2)
Activity:	ACTIVE
Facility Id:	105734
Update Date:	11/02/2012
Inspection Date:	03/14/2003
Violation Code:	6HV3112
Violation:	2NDRY CONT TEST NOT DONE (6/36 MOS.)
Violation Citation:	Secondary containment testing not conducted at 6months/36 months. 25284.1; 2637(a)
Activity:	ACTIVE
Facility Id:	105734
Update Date:	11/02/2012
Inspection Date:	03/07/2006
Violation Code:	6HV3114
Violation:	2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation:	Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity:	ACTIVE

C12 **CHEVRON/APSI 1815** **SAN DIEGO CO. SAM** **S106916016**
NNW **1601 N COAST HY** **N/A**
1/8-1/4 **OCEANSIDE, CA 92054**
0.248 mi.
1308 ft. **Site 6 of 6 in cluster C**

Relative:
Higher

Actual:
65 ft.

SAN DIEGO CO. SAM:

Case Number:	H05734-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**Private - VAP**
Facility Type:	GW With No Beneficial Use Designation
Facility Status:	Closed Case
Date:	5/22/1995
Date Began:	8/12/1993

Case Number:	H05734-002
Agency:	DEH Site Assessment & Mitigation
Funding:	**LOP - Federal Fund**
Facility Type:	GW With No Beneficial Use Designation
Facility Status:	Closed Case
Date:	10/6/2003
Date Began:	12/5/1994

B13 **CAMP PENDLETON- MARINE CORPS** **FUDS** **1009484312**
South **N/A**
1/8-1/4 **SAN CLEMENTE, CA**
0.248 mi.
1310 ft. **Site 3 of 4 in cluster B**

Relative:
Higher

Actual:
58 ft.

FUDS:

Federal Facility ID:	CA9799FA061
FUDS #:	J09CA7238
INST ID:	54213
Facility Name:	CAMP PENDLETON- MARINE CORPS
City:	SAN CLEMENTE
State:	CA
EPA Region:	09
County:	ORANGE
Congressional District:	49
US Army District:	Los Angeles District (SPL)
Fiscal Year:	2013
Telephone:	213-452-3920
NPL Status:	Not Listed
RAB:	Not reported
CTC:	209.5999
Current Owner:	Local Government; Other Federal Government; Private Sector
Current Prog:	Not reported
Future Prog:	Not reported
Acreage:	Not reported
Description:	From 1942 to 1987, the Navy acquired through condemnation, purchase, leasehold condemnation, and transfer (from Coast Guard) a total of 127,250.01 acres north of Oceanside, CA. Most of the property was once a part of the Rancho Santa Margarita Y Las Flores.Camp Pendleton is located along the Pacific Coast, thus allowing for amphibious training. It covers a total of 127,250.01 acres. This report is limited to those parcels that have been determined potentially to be formerly used by the Marine Corps. Four parcels have been identified that fall into this category. They are what is now the Oceanside Small Craft Harbor, the Sterling Housing Project, property occupied by a Coast Guard Navigation Station, and property located just north of the

CAMP PENDLETON- MARINE CORPS (Continued) **1009484312**

current Camp Pendleton boundaries and Camp Talaga.

History: Starting in 1942, the U.S. acquired through condemnation, purchase, leasehold, and transfer a large amount of property. It was Marine Corps training area and named MCB Camp Pendleton. It is an active facility and the home of the major elements of the 1st Marine Expeditionary Force plus the Army and Marine Reserves, as well as other Navy tenants. The parcel along the Pacific Coast was deeded to the City of Oceanside between 1959 and 1965 for development of a small craft harbor, which exists to this day. The Sterling Homes property was deeded to the City of Oceanside and a private developer. A new single family and multi-family residential development has been constructed on most of the property but a portion remains undeveloped.The fourth parcel (the 1.66 acre parcel) was transferred to the Federal Highway Adminstration on 15 February 1979 as part of the Interstate 5 freeway system.

Latitude: -117.543998718

Longitude: 33.459201812700

B14 **CAMP PENDLETON** **RESPONSE** **S110711875**
South **IN ORANGE COUNTY, ALONG BORDER OF SAND DIEGO COUNTY, JUST EA** **ENVIROSTOR** **N/A**
1/8-1/4 **SAN DIEGO, CA 92055**
0.249 mi.
1313 ft. **Site 4 of 4 in cluster B**

Relative:
Higher

Actual:
58 ft.

RESPONSE:

Facility ID:	80000919
Site Type:	State Response
Site Type Detail:	FUDS
Acres:	640
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Daniel Cordero
Supervisor:	Manny Alonzo
Division Branch:	Cleanup Cypress
Site Code:	Not reported
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	76
Senate:	36
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	03/05/2012
Restricted Use:	NO
Funding:	DERA
Latitude:	33.20277
Longitude:	-117.3847
APN:	NONE SPECIFIED
Past Use:	FIRING RANGE - ARTILLERY, FIRING RANGE - SMALL ARMS ETC...
Potential COC :	Explosives (UXO, MEC Munitions Debris (MD
Confirmed COC:	30011-NO Munitions Debris (MD
Potential Description:	SOIL
Alias Name:	CA99799FA06100
Alias Type:	Federal Facility ID
Alias Name:	J09CA7238
Alias Type:	INPR
Alias Name:	80000919
Alias Type:	Envirostor ID Number

Completed Info:

CAMP PENDLETON (Continued) **S110711875**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/21/2010
Comments: Final document received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/20/2010
Comments: Final Workplan submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 03/05/2012
Comments: No Department of Defense action indicated recommended for this site.

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

ENVIROSTOR:
Facility ID: 80000919
Status: No Further Action
Status Date: 03/05/2012
Site Code: Not reported
Site Type: State Response
Site Type Detailed: FUDS
Acres: 640
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Daniel Cordero
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 76
Senate: 36
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.20277
Longitude: -117.3847
APN: NONE SPECIFIED
Past Use: FIRING RANGE - ARTILLERY, FIRING RANGE - SMALL ARMS ETC...
Potential COC: Explosives (UXO, MEC Munitions Debris (MD
Confirmed COC: 30011-NO Munitions Debris (MD
Potential Description: SOIL
Alias Name: CA99799FA06100
Alias Type: Federal Facility ID

CAMP PENDLETON (Continued) **S110711875**

Alias Name: J09CA7238
Alias Type: INPR
Alias Name: 80000919
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/21/2010
Comments: Final document received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/20/2010
Comments: Final Workplan submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 03/05/2012
Comments: No Department of Defense action indicated recommended for this site.

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

15
NW
1/4-1/2
0.259 mi.
1370 ft.

Relative:
Higher

Actual:
58 ft.

MOBIL HARBOR DRIVE
477 HARBOR DRIVE
OCEANSIDE, CA 92054

RCRA-SQG **1000253149**
LUST **CAD981160195**
SAN DIEGO CO. SAM
San Diego Co. HMMD
SWEEPS UST
HIST UST
FINDS
EMI
HIST CORTESE
ECHO

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: MOBIL HARBOR DRIVE
Facility address: 477 HARBOR DR
OCEANSIDE, CA 92054
EPA ID: CAD981160195
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09

MOBIL HARBOR DRIVE (Continued) **1000253149**

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: GARY BRIGGS
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

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: 10/29/1985
Site name: MOBIL HARBOR DRIVE
Classification: Large Quantity Generator

Violation Status: No violations found

LUST:
Region: STATE
Global Id: T0607301275
Latitude: 33.208728726181

MOBIL HARBOR DRIVE (Continued) **1000253149**

Longitude:	-117.388224005699
Case Type:	LUST Cleanup Site
Status:	Open - Eligible for Closure
Status Date:	06/26/2014
Lead Agency:	SAN DIEGO COUNTY LOP
Case Worker:	EM
Local Agency:	SAN DIEGO COUNTY LOP
RB Case Number:	9UT2529
LOC Case Number:	H12750-001
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	The site is an active ExxonMobil service station located on the southeast corner of Harbor Drive and Carmelo Drive in Oceanside, California. The site is bounded by Harbor Drive, Interstate Highway 5 and associated on ramps and off ramps to the northeast; commercial facilities to the east and south; and Carmelo Drive and commercial facilities to the west. Existing onsite structures include a station building, two dispenser islands, and three gasoline underground storage tanks(USTs) (two 8,000 and one 10,000-gallon) The site is located approximately 900 feet northeast of Oceanside Harbor at its closest point. The San Luis Rey River channel is approximately 1,200 feet southeast of the site. In March 1970, three gasoline USTs were installed at the site. A release of fuel was discovered during integrity testing conducted on the product lines in April 1984. An estimated 4,400 gallons of unleaded gasoline were released from the piping near the southern dispenser island. In addition, the gasoline USTs were replaced with three new USTs (two 8,000-gallon and one 10,000-gallon). During UST replacement activities, 12 groundwater monitoring wellswere installed. Several groundwater monitoring well installation events followed the 1984 assessment activities. Three monitoring wells were installed in 1989, four monitoring wells were installed in 1990, ten monitoring wells (and eight soil borings) were installed in 1991, and five monitoring wells were installed in 1992. Three monitoring wells were destroyed sometime after 1987 during development activities offsite, and another three wells were destroyed during station upgrade activities in 1992 (Alton 1993). Currently, there are 28 groundwater monitoring wells at the site, 14 of which are offsite wells. It should be noted that groundwater conditions at the site before September 1994, especially in the vicinity of well MW-3, were under the influence of ongoing ARS operations. The ARS was designed to depress the groundwater table and recover LPH. Therefore, groundwater data may not be indicative of true site conditions during that time. In March 2003, the site underwent equipment upgrade activities, consisting of the replacement of the under-dispenser boxes and associated piping. Eight soil samples were collected below the dispensers and piping. Sample D1-4, collected beneath the southern dispenser, exhibited the highest hydrocarbon concentrations. On 25 September 2008, the 550-gallon used-oil UST and both hoists were removed from the site. Two soil samples collected beneath the former UST exhibited Total Recoverable Petroleum Hydrocarbon results of 11 and 15 milligrams per kilogram (mg/kg), while samples collected beneath each former hoist exhibited Total Petroleum Hydrocarbons (TPH) as hydraulic oil results of 87 and 3,100 mg/kg. No concentrations of benzene, toluene, ethylbenzene, xylenes (BTEX), and fuel oxygenates were detected in any soil sample. Groundwater monitoring and sampling is presently conducted on an

MOBIL HARBOR DRIVE (Continued) **1000253149**

annual basis. Historical maximum concentrations of dissolved-phase TPH as gasoline (TPH-g), benzene, and Methyl Tertiary Butyl Ether (MTBE) are 110,000 micrograms per liter ("g/l), 23,000 "g/l, and 11,700 "g/l, respectively. The depths to water since 1991 have historically ranged from 37.00 to 53.91 feet below ground surface (bgs) with a variable westerly flow direction. On 23 January 2008, liquid-phase hydrocarbon (LPH) thicknesses in wells MW-1 and MW-29 were 2.06 and 2.15 feet, respectively. Manual pump-outs of LPH in affected wells were initiated in April 1984. In July 1985, an Autoskimmer Automatic Recovery System (ARS) was installed in well MW-3, estimated as the central portion of the LPH plume. It was removed in November 1991 due to inefficient LPH recovery, but was re-installed in May 1992 along with a flexible axial peristaltic (FAP) pump in well MW-1. The ARS/FAP system remained active until 29 August 1994. FromApril 1984 though August 1994, a total of 1,352 gallons of LPH and 70,516 gallons of groundwater were recovered through manual pump-outs and ARS/FAP equipment. During July and October 1991, step-drawdown groundwater pump and slug injection tests were performed, respectively. Results of the step test indicated a sustainable pumping rate of 0.41 gallons per minute (gpm). Hydraulic conductivity (K) was estimated at 1.2 ft/day. The slug test indicated a K of 8.6 ft/day. Hydraulic transmissivities ranged from 5.9 x 10-5 to 1.4 x 10-1 square feet per minute (ft2/min). In November 1991, Alton Geoscience performed a vapor pressure injection test. Results of the test indicated an approximate flow rate of 26.5 cubic feet per minute (cfm) and a radius of influence (ROI) estimated to be 90 feet at 50 standard cubic feet per minute (scfm). Data indicated heterogeneous vadose responses, consistent with the aquifer testing data. In April 1992, Alton installed remediation system piping for a vacuum-enhanced automatic recovery system (VEARS) during station upgrade activities. The system included piping to eight groundwater monitoring wells (MW-1, MW-3 through MW-6, MW-11, MW-28 and MW-29). From 9 November to 7 December 1995, a soil vapor extraction (SVE) pilot test was conducted at the site using the existing remediation system piping. The system operated for a total of 600 hours at an average flow rate of approximately 360 scfm and an average vacuum of approximately 5.8 inches of mercury (in. Hg). The system recovered approximately 9,524 pounds of hydrocarbons from the subsurface (equivalent to 381 pounds per day). In September 1999, a 24-hour dual-phase extraction (DPE) test was performed. The test generated an average extraction flow rate of 268 cfm at an average applied vacuum of 11.6 in. Hg. The estimated ROI ranged from approximately 65 feet to the west and less than 40 feet to the east of the site. The estimated ROI ranged from approximately 65 feet to the west and less than 40 feet to the east of the site. A total of 828 lbs. (131 gallons) of hydrocarbon vapors and 3,400 gallons of groundwater [approximately 2.36 gallons per minute (gpm)] were recovered. Measured hydrocarbon vapor concentrations from individual extraction wells ranged from 20 to 13,620 parts per million by volume (ppmv). Measured individual well vacuums ranged from 5 to 26.2 in. Hg. Average laboratory TPH-g results for influent vapor samples collected at the beginning and end of the event were from 6,673 and 4,920 ppmv. From 10 to 13 December 2003, TRC conducted a 72-hour DPE event at the site. Approximately 614 pounds (98.2 gallons) of vapor-phase hydrocarbons and 8,100 gallons of groundwater were recovered during the event. The objectives of the event were to remove LPH and to collect data that could be used to upgrade the existing SVE system to

MOBIL HARBOR DRIVE (Continued) **1000253149**

a DPE system, if necessary. The test included the following results and observations: Individual extraction well flow rates ranged from 11 to 57 scfm. Total system vapor flow rate (i.e., cumulative from the extraction well array) ranged from 60 to 103 scfm. Measured hydrocarbon vapor concentrations from individual extraction wells ranged from 1,930 to 43,400 parts per million by volume (ppmv). Total system influent hydrocarbon vapor concentrations ranged from 6,560 to > 10,000 ppmv. Measured individual well vacuums ranged from 11.9 to 21.0 in. Hg. Observation well vacuums ranged from 0.0 to 4.0 inches of water. Laboratory results for influent vapor samples collected at the beginning, middle, and end of the event ranged from 35,900 to 64,000 ppmv for TPH-g, from 540,000 to 3,400,000 parts per billion by volume (ppbv) for benzene, and from below laboratory detection limits to 4,800 ppbv for MTBE. The estimated ROI ranged from approximately 48 to 98 feet; however, TRC considered an ROI of approximately 40 feet to be more effective, as discussed in theCorrective Action Plan dated 30 September 2003. From 14 September 2004 until 30 June 2005, TRC conducted SVE system operations at the site. Thereafter, the system operated sporadically in pulse mode until February 2007, when the VES malfunctioned and operations ceased. The SVE system utilized a 1995-model 500 scfm thermal oxidizer with a 25 horsepower blower during the entire operation, except during the second quarter of 2005, when a catalytic oxidizer was used. The catalytic oxidizer was removed from the SVE unit after one month of operation due to poor combustion. A summary of VES operations from 14 September 2004 to 30 June 2005 is below: 12,263 pounds of hydrocarbons were removed after 4,481 cumulative hours of operation. The initial hydrocarbon removal rate of 118 pounds per operation hour (lbs/hr) decreased to 18.0 lbs/hr by 18 October 2004. Thereafter, the average removal rate declined to 2.0 lbs/hr. Diluted influent decreased from an initial concentration of 21,720 ppmv to 122 ppmv. Starting on 3 August 2005, the VES operated in pulse mode, operating approximately one day a month for two to eight hours each day, when not undergoing repairs. On 15 February 2007, the blower malfunctioned and SVE operations ceased. An additional 182 lbs. of hydrocarbons were removed under pulse mode, for a total of 12,445 lbs. Quarterly LPH skimming in affected monitoring wells was conducted through 2008. Skimming has been conducted continuously since 1991, except during the 2004-2006 VES operation. A total of approximately 451.4 gallons of LPH have been removed by skimming. In February 2008, ETIC submitted a report evaluating the effectiveness of previous remedial activities at the site. Based on the evaluation, the report concluded: The pilot tests (both SVE and DPE) and the VES operation were effective at hydrocarbon mass removal at the site; however, they were limited by relatively high or rising groundwater elevations until the time of VES operation shutdown (June 2005). After shutdown, the recurrence of LPH with the drop in groundwater indicates that the residual hydrocarbon mass formerly below the groundwater table became available to accumulate on the groundwater surface. Recent drought conditions and significant drop in groundwater elevation support the resumption of SVE. SVE could further be supplemented by DPE (bioslurping) for LPH removal. Based on these conclusions, ETIC recommended conducting a soil vapor extraction event enhanced by bioslurping for LPH removal, since groundwater below the site was at or near its lowest level since 1991 at that time. The DEH approved the work plan. Based on the approved work plan, ETIC conducted two 3-day SVE/DPE events in 2008. A total of 1,179 pounds of hydrocarbon

MOBIL HARBOR DRIVE (Continued) **1000253149**

vapors and 4,211 gallons of fluids were extracted. In the Corrective Action Plan (CAP) dated 30 September 2003, TRC identified that the clean-up goal for the site is the removal of LPH from groundwater. TRC compared results from the 1995 SVE pilot test and the 1999 DPE pilot test and suggested that either method would be efficient at recovering LPH, with DPE more effective at removing LPH and smear-zone hydrocarbons from the upper saturation zone. In the CAP, TRC recommended using SVE as the remedial approach to remove LPH and adsorbed-phase hydrocarbons. In a letter dated 16 August 2004, the DEH concurred with and authorized implementation of the CAP. In a letter dated 5 November 2007, the DEH noted that the approved CAP has a contingency to convert the VES to dual-phase extraction if the VES is determined to be less effective than predicted. If the [VES effectiveness] evaluation determines that the VES is not adequate, an alternative method and work plan should be included.

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

Contact:

Global Id:	T0607301275
Contact Type:	Local Agency Caseworker
Contact Name:	EWAN MOFFAT
Organization Name:	SAN DIEGO COUNTY LOP
Address:	P.O. Box 129261
City:	San Diego
Email:	ewan.moffat@sdcounty.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0607301275
Status:	Open - Case Begin Date
Status Date:	04/24/1984
Global Id:	T0607301275
Status:	Open - Eligible for Closure
Status Date:	06/26/2014
Global Id:	T0607301275
Status:	Open - Remediation
Status Date:	10/06/2003

Regulatory Activities:

Global Id:	T0607301275
Action Type:	ENFORCEMENT
Date:	03/27/2014
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0607301275
Action Type:	RESPONSE
Date:	07/30/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0607301275
Action Type:	RESPONSE
Date:	12/02/2013
Action:	CAP/RAP - Feasibility Study Report - Regulator Responded

MOBIL HARBOR DRIVE (Continued) **1000253149**

Global Id: T0607301275
Action Type: RESPONSE
Date: 03/01/2014
Action: Other Workplan - Regulator Responded

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 01/14/2010
Action: Letter - Notice

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 01/03/2012
Action: Notice of Responsibility

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 03/14/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: RESPONSE
Date: 04/30/2011
Action: Other Report / Document

Global Id: T0607301275
Action Type: RESPONSE
Date: 01/30/2009
Action: Remedial Progress Report

Global Id: T0607301275
Action Type: RESPONSE
Date: 03/04/2015
Action: CAP/RAP - Other Report - Regulator Responded

Global Id: T0607301275
Action Type: RESPONSE
Date: 10/01/2001
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0607301275
Action Type: RESPONSE
Date: 12/12/2014
Action: Monitoring Report - Annually - Regulator Responded

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 09/22/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 12/12/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: Other

MOBIL HARBOR DRIVE (Continued) **1000253149**

Date: 04/24/1984
Action: Leak Reported

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 09/16/1992
Action: Notice of Responsibility

Global Id: T0607301275
Action Type: RESPONSE
Date: 08/13/2015
Action: CAP/RAP - Other Report - Regulator Responded

Global Id: T0607301275
Action Type: RESPONSE
Date: 06/01/2009
Action: Remedial Progress Report

Global Id: T0607301275
Action Type: RESPONSE
Date: 10/23/2015
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607301275
Action Type: RESPONSE
Date: 06/13/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0607301275
Action Type: RESPONSE
Date: 10/03/2011
Action: Other Report / Document

Global Id: T0607301275
Action Type: Other
Date: 04/24/1984
Action: Leak Discovery

Global Id: T0607301275
Action Type: REMEDIATION
Date: 10/30/1991
Action: Free Product Removal

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 11/26/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 04/10/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: REMEDIATION
Date: 11/14/1994
Action: Soil Vapor Extraction (SVE)

MOBIL HARBOR DRIVE (Continued) **1000253149**

Global Id: T0607301275
Action Type: RESPONSE
Date: 07/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 01/06/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: RESPONSE
Date: 04/30/2010
Action: Other Report / Document

Global Id: T0607301275
Action Type: RESPONSE
Date: 01/30/2010
Action: Remedial Progress Report

Global Id: T0607301275
Action Type: RESPONSE
Date: 10/30/2009
Action: Other Report / Document

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 12/03/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 12/10/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: RESPONSE
Date: 09/23/2010
Action: Other Report / Document

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 10/23/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: Other
Date: 04/24/1984
Action: Leak Stopped

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: File review

Global Id: T0607301275
Action Type: RESPONSE

MOBIL HARBOR DRIVE (Continued) **1000253149**

Date: 07/09/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 01/06/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: Other
Date: 04/24/1984
Action: Leak Began

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 07/19/1985
Action: Clean-up and Abatement Order

Global Id: T0607301275
Action Type: RESPONSE
Date: 07/29/2010
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0607301275
Action Type: RESPONSE
Date: 12/07/2011
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0607301275
Action Type: RESPONSE
Date: 08/15/2009
Action: Soil and Water Investigation Workplan

Global Id: T0607301275
Action Type: RESPONSE
Date: 06/26/2012
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0607301275
Action Type: RESPONSE
Date: 10/18/2012
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0607301275
Action Type: REMEDIATION
Date: 11/15/2012
Action: Free Product Removal

Global Id: T0607301275
Action Type: REMEDIATION
Date: 09/09/1999
Action: Dual Phase Extraction

Global Id: T0607301275
Action Type: REMEDIATION
Date: 04/15/1984
Action: Free Product Removal

MOBIL HARBOR DRIVE (Continued) **1000253149**

Global Id: T0607301275
Action Type: RESPONSE
Date: 01/30/2010
Action: Other Report / Document

Global Id: T0607301275
Action Type: RESPONSE
Date: 01/30/2010
Action: Other Report / Document

Global Id: T0607301275
Action Type: RESPONSE
Date: 10/29/2012
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: Staff Letter

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Letter - Notice

Global Id: T0607301275
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: File review

Region: STATE
Global Id: T0607301473
Latitude: 33.208710772955
Longitude: -117.388100624084
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/19/2010
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 9UT272
LOC Case Number: H12750-002
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: This case (H12750-002) was consolidated with case H12750-001. Please see case H12750-001 for any information regarding this case.

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

Status History:
Global Id: T0607301473

MOBIL HARBOR DRIVE (Continued) **1000253149**

Status: Completed - Case Closed
Status Date: 01/19/2010

Global Id: T0607301473
Status: Open - Case Begin Date
Status Date: 09/27/1988

Global Id: T0607301473
Status: Open - Remediation
Status Date: 10/06/2003

Regulatory Activities:
Global Id: T0607301473
Action Type: ENFORCEMENT
Date: 01/14/2010
Action: Closure/No Further Action Letter

Global Id: T0607301473
Action Type: Other
Date: 09/27/1988
Action: Leak Reported

Global Id: T0607301473
Action Type: Other
Date: 09/27/1988
Action: Leak Discovery

Global Id: T0607301473
Action Type: ENFORCEMENT
Date: 10/04/1988
Action: Notice of Responsibility

Global Id: T0607301473
Action Type: Other
Date: 09/27/1988
Action: Leak Stopped

Global Id: T0607301473
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Letter - Notice

Global Id: T0607301473
Action Type: Other
Date: 09/27/1988
Action: Leak Began

LUST REG 9:
Region: 9
Status: Preliminary site assessment underway
Case Number: 9UT2529
Local Case: H12750-001
Substance: Gasoline
Qty Leaked: 4000
Abate Method: Not reported

MOBIL HARBOR DRIVE (Continued) **1000253149**

Local Agency: San Diego
How Found: Tank Test
How Stopped: Not reported
Source: Piping
Cause: Unknown
Lead Agency: Local Agency
Case Type: Other ground water affected
Date Found: 04/24/1984
Date Stopped: 04/24/1984
Confirm Date: 04/24/1984
Submit Workplan: 4/24/84
Prelim Assess: 01/18/1989
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 04/24/1984
Enforce Date: 7/19/85
Closed Date: Not reported
Enforce Type: SEL
Pilot Program: LOP
Basin Number: 903.11
GW Depth: 45'
Beneficial Use: NBNOC
NPDES Number: Not reported
Priority: 1B
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Region: 9
Status: Pollution Characterization
Case Number: 9UT272
Local Case: H12750-002
Substance: Waste Oil
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Inventory Control
How Stopped: Remove Contents
Source: Piping
Cause: Structure Failure
Lead Agency: Local Agency
Case Type: Other ground water affected
Date Found: 04/18/1984
Date Stopped: 04/19/1984
Confirm Date: 09/27/1988
Submit Workplan: Not reported
Prelim Assess: 01/26/1989
Desc Pollution: 3/21/91
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 04/24/1984
Enforce Date: 7/19/85
Closed Date: Not reported

MOBIL HARBOR DRIVE (Continued) **1000253149**

Enforce Type: Cleanup and Abatement Orders
Pilot Program: LOP
Basin Number: 903.11
GW Depth: 45FT
Beneficial Use: NBNOC
NPDES Number: Not reported
Priority: 1B
File Dispn: Not reported
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: 85-68
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO. SAM:
Case Number: H12750-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: GW With No Beneficial Use Designation
Facility Status: Remedial Action (Clean-Up)
Date: 10/6/2003
Date Began: 4/24/1984

Case Number: H12750-002
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: GW With No Beneficial Use Designation
Facility Status: Closed Case
Date: 1/14/2010
Date Began: 9/27/1988

SAN DIEGO CO. HMMD:
Facility Id: 215973
Business Type: 6HK28
EPA Id Number: CDL000055786
APN: 143-090-15-00
Last HMMD Inspection: 01/17/2012
Permit Status: OPEN
Permit Expiration: 10/31/2013
Facility Owner: CIRCLE K STORES INC
Facility Address: 255 E RINCON #100
Facility City: CORONA
Facility State: CA
Facility Zip: 92879
UST Owner: CIRCLE K STORES INC
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:
UST Name: UNDERGROUND TANK 112750 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 215973
Tank Type: SINGLE WALL
Additional Id: 2
Capacity Gallons: 8000

MOBIL HARBOR DRIVE (Continued) **1000253149**

UST Contents:	LEADED
Other Content Info:	LEADED
Reg Status:	REMOVED
Remove Close Date:	Not reported
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.
UST Name:	UNDERGROUND TANK 112750 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	215973
Tank Type:	SINGLE WALL
Additional Id:	3
Capacity Gallons:	6000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	PREMIUM UNLEADED
Reg Status:	REMOVED
Remove Close Date:	Not reported
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.
UST Name:	UNDERGROUND TANK 112750 T004
Last Update:	2012-11-02 14:17:38
Permit Number:	215973
Tank Type:	SINGLE WALL
Additional Id:	4 NT1036-REMOVAL
Capacity Gallons:	280
UST Contents:	OTHER
Other Content Info:	WASTE OIL
Reg Status:	REMOVED
Remove Close Date:	1988-09-22 00:00:00
Year Installed:	1971-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	10
UST Monitor Method:	SW TANK DW PRESSURE PIPE W/POS SHUTOFF LLD W/DAILY RECONCILE OR WEEKLY GAUGE: TNK TEST ANN, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR
UST Name:	UNDERGROUND TANK 112750 T005
Last Update:	2012-11-02 14:17:38
Permit Number:	215973
Tank Type:	DOUBLE WALL
Additional Id:	RT0934/AT5362
Capacity Gallons:	500
UST Contents:	OTHER
Other Content Info:	WASTE OIL
Reg Status:	REMOVED
Remove Close Date:	2008-09-25 00:00:00
Year Installed:	1985-01-01 00:00:00
Pipe Type:	Not reported

MOBIL HARBOR DRIVE (Continued) **1000253149**

Delivery System:	GRAVITY
Monitor Code:	21
UST Monitor Method:	DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL MONITORS: INTERSTITIAL.
UST Name:	UNDERGROUND TANK 112750 T006
Last Update:	2012-11-02 14:17:38
Permit Number:	215973
Tank Type:	DOUBLE WALL
Additional Id:	RT0934/ RT2858/RT3568/RT5395
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1985-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF
UST Name:	UNDERGROUND TANK 112750 T007
Last Update:	2012-11-02 14:17:38
Permit Number:	215973
Tank Type:	DOUBLE WALL
Additional Id:	RT0934/ RT2858/RT2920/RT5395
Capacity Gallons:	8000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1985-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF
UST Name:	UNDERGROUND TANK 112750 T008
Last Update:	2012-11-02 14:17:38
Permit Number:	215973
Tank Type:	DOUBLE WALL
Additional Id:	RT0934/ RT2858
Capacity Gallons:	8000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	PREMIUM UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1985-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF
UST Name:	UNDERGROUND TANK 112750 T009

MOBIL HARBOR DRIVE (Continued) **1000253149**

Last Update:	2012-11-02 14:17:38
Permit Number:	215973
Tank Type:	DOUBLE WALL
Additional Id:	18F7MR FREE PRODUCT RECOVERY AT4097
Capacity Gallons:	500
UST Contents:	Not reported
Other Content Info:	GASOLINE & WASTE OIL
Reg Status:	REMOVED
Remove Close Date:	1998-07-23 00:00:00
Year Installed:	1987-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	GRAVITY
Monitor Code:	25
UST Monitor Method:	EXTERNAL MONITOR : CONTINUOUS VADOSE ZONE VAPOR MONITORS AND / OR WEEKLY (MINIMUM) VADOSE ZONE LIQUID MONITORING

Active Permits:

Facility Id:	215973
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	PREMIUM UNLEADED
Other Information:	UNDERGROUND TANK 112750 T008
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Facility Id:	215973
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	REGULAR UNLEADED
Other Information:	UNDERGROUND TANK 112750 T006
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Facility Id:	215973
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	REGULAR UNLEADED (91)
Other Information:	UNDERGROUND TANK 112750 T007
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Facility Id:	215973
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS
Other Information:	VORTEX OIL AND FUEL FILTERS
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Facility Id:	215973
Update Date:	11/02/2012
Case Number:	68476-85-7
Name:	PROPANE (LPG)

MOBIL HARBOR DRIVE (Continued) **1000253149**

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Facility Id: 215973
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: GASOLINE & WATER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

SWEEPS UST:
Status: Active
Comp Number: 12750
Number: 9
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012750-000005
Tank Status: A
Capacity: 500
Active Date: Not reported
Tank Use: PETROLEUM
STG: W
Content: Not reported
Number Of Tanks: 4

Status: Active
Comp Number: 12750
Number: 9
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012750-000006
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 12750
Number: 9
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88

MOBIL HARBOR DRIVE (Continued) **1000253149**

Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-012750-000007
Tank Status:	A
Capacity:	8000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	12750
Number:	9
Board Of Equalization:	44-000400
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-012750-000008
Tank Status:	A
Capacity:	8000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	12750
Number:	Not reported
Board Of Equalization:	44-000400
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-012750-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	4

Status:	Not reported
Comp Number:	12750
Number:	Not reported
Board Of Equalization:	44-000400
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-012750-000002
Tank Status:	Not reported
Capacity:	8000
Active Date:	Not reported
Tank Use:	M.V. FUEL

MOBIL HARBOR DRIVE (Continued) **1000253149**

STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 12750
Number: Not reported
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012750-000003
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 12750
Number: Not reported
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-012750-000004
Tank Status: Not reported
Capacity: 280
Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
File Number: 0002F03C
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F03C.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported

MOBIL HARBOR DRIVE (Continued) **1000253149**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110002677915

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.

HAZARDOUS AIR POLLUTANT MAJOR

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

Registry ID: 110055837377

Environmental Interest/Information System
STATE MASTER

EMI:

Year:	1999
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD

MOBIL HARBOR DRIVE (Continued) **1000253149**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
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

MOBIL HARBOR DRIVE (Continued) **1000253149**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.7752028
Reactive Organic Gases Tons/Yr:	1.7752028
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2005
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.7752028
Reactive Organic Gases Tons/Yr:	1.7752028
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.49
Reactive Organic Gases Tons/Yr:	1.49
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2007
County Code:	37

MOBIL HARBOR DRIVE (Continued) **1000253149**

Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.49
Reactive Organic Gases Tons/Yr:	1.49
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2008
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.49
Reactive Organic Gases Tons/Yr:	1.49
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2009
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.49
Reactive Organic Gases Tons/Yr:	1.49
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	37
Air Basin:	SD
Facility ID:	4205
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported

MOBIL HARBOR DRIVE (Continued) **1000253149**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.49
Reactive Organic Gases Tons/Yr:	1.49
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT272

Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT2529

ECHO:

Envid:	1000253149
Registry ID:	110002677915
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002677915

Envid:	1000253149
Registry ID:	110055837377
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110055837377

D16 **CHEVRON** **SAN DIEGO CO. SAM** **S106466674**
WSW **1380 N PACIFIC ST** **San Diego Co. HMMD** **N/A**
1/4-1/2 **OCEANSIDE, CA 92054** **SWEEPS UST**
0.325 mi.
1718 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
13 ft.

SAN DIEGO CO. SAM:

Case Number:	H21417-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**Private - VAP**
Facility Type:	Soils Only
Facility Status:	Closed Case
Date:	3/4/1987
Date Began:	12/12/1986

SAN DIEGO CO. HMMD:

Facility Id:	121417
Business Type:	Not reported
EPA Id Number:	Not reported
APN:	143-120-08-00
Last HMMD Inspection:	Not reported
Permit Status:	INAC
Permit Expiration:	Not reported
Facility Owner:	CHEVRON
Facility Address:	1380 N PACIFIC ST
Facility City:	OCEANSIDE
Facility State:	CA

CHEVRON (Continued) **S106466674**

Facility Zip:	92054-1024
UST Owner:	CHEVRON USA INC
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 121417 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	121417
Tank Type:	SINGLE WALL
Additional Id:	Not reported
Capacity Gallons:	550
UST Contents:	Not reported
Other Content Info:	WASTE OIL
Reg Status:	REMOVED
Remove Close Date:	1987-01-12 00:00:00
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

SWEEPS UST:

Status:	Active
Comp Number:	21417
Number:	9
Board Of Equalization:	44-023570
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	21417
Number:	Not reported
Board Of Equalization:	44-023570
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-021417-000001
Tank Status:	Not reported
Capacity:	550

CHEVRON (Continued) **S106466674**

Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: Not reported
Number Of Tanks: 1

D17
WSW
1/4-1/2
0.325 mi.
1718 ft.

CHEVRON **SLIC** **S111828997**
1380 N PACIFIC ST **N/A**
OCEANSIDE, CA 92054

Site 2 of 2 in cluster D

Relative:
Higher

Actual:
13 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/04/1987
Global Id:	T0607303132
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H21417-001
Latitude:	33.2032284
Longitude:	-117.3915056
Case Type:	Cleanup Program Site
Case Worker:	KH
Local Agency:	SAN DIEGO COUNTY LOP
RB Case Number:	9UT89
File Location:	Local Agency
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

18
SE
1/4-1/2
0.349 mi.
1842 ft.

ASTLEFORD PROPERTY **SLIC** **S106716223**
NONE 08TH & NEVADA **N/A**
OCEANSIDE, CA 92054

Relative:
Higher

Actual:
84 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/12/1998
Global Id:	T0608114521
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H33522-001
Latitude:	Not reported
Longitude:	Not reported
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

ASTLEFORD PROPERTY (Continued) **S106716223**

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

E19 **HILL STREET TEXACO** **SAN DIEGO CO. SAM** **S104397735**
South **801 N COAST HY** **N/A**
1/4-1/2 **OCEANSIDE, CA 92054**
0.366 mi.
1931 ft. **Site 1 of 6 in cluster E**

Relative:
Higher

Actual:
58 ft.

SAN DIEGO CO. SAM:

Case Number:	H12248-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**Non Billable**
Facility Type:	Failed Integrity Test
Facility Status:	Closed Case
Date:	9/29/1986
Date Began:	9/3/1986
Case Number:	H12248-002
Agency:	DEH Site Assessment & Mitigation
Funding:	**Private - VAP**
Facility Type:	GW With No Beneficial Use Designation
Facility Status:	Closed Case
Date:	9/24/1997
Date Began:	1/30/1997
Case Number:	H12248-003
Agency:	DEH Site Assessment & Mitigation
Funding:	**LOP - Federal Fund**
Facility Type:	GW With No Beneficial Use Designation
Facility Status:	Closed Case
Date:	9/13/2002
Date Began:	2/14/1997

E20 **HILL STREET TEXACO** **LUST** **U001571976**
South **801 N COAST HY** **SLIC** **N/A**
1/4-1/2 **OCEANSIDE, CA 92054**
0.366 mi.
1931 ft. **Site 2 of 6 in cluster E**

Relative:
Higher

Actual:
58 ft.

LUST:

Region:	STATE
Global Id:	T0607302222
Latitude:	33.201079
Longitude:	-117.384263
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/13/2002
Lead Agency:	SAN DIEGO COUNTY LOP
Case Worker:	LA
Local Agency:	SAN DIEGO COUNTY LOP
RB Case Number:	9UT3459
LOC Case Number:	H12248-003
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline

HILL STREET TEXACO (Continued) **U001571976**

Site History: Not reported

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

Contact:
Global Id: T0607302222
Contact Type: Local Agency Caseworker
Contact Name: LAURIE APECECHEA
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: laurie.apecechea@sdcounty.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0607302222
Status: Completed - Case Closed
Status Date: 09/13/2002

Global Id: T0607302222
Status: Open - Case Begin Date
Status Date: 02/14/1997

Regulatory Activities:
Global Id: T0607302222
Action Type: Other
Date: 02/14/1997
Action: Leak Discovery

Global Id: T0607302222
Action Type: Other
Date: 02/14/1997
Action: Leak Reported

Global Id: T0607302222
Action Type: Other
Date: 02/14/1997
Action: Leak Began

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 09/29/1986
Global Id: T0608199839
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H12248-001
Latitude: 33.201078
Longitude: -117.384263
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported

HILL STREET TEXACO (Continued) **U001571976**

Site History: Not reported

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

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	09/24/1997
Global Id:	T0608137198
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H12248-002
Latitude:	33.201102
Longitude:	-117.384281
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

E21 **FORMER TEXACO STATION** **LUST** **S102590533**
South **801 HILL** **HIST CORTESE** **N/A**
1/4-1/2 **OCEANSIDE, CA 92120**
0.366 mi.
1931 ft. **Site 3 of 6 in cluster E**

Relative:
Higher

Actual:
58 ft.

LUST REG 9:

Region:	9
Status:	Preliminary site assessment underway
Case Number:	9UT3459
Local Case:	H12248-003
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Local Agency:	San Diego
How Found:	Not reported
How Stopped:	Not reported
Source:	Not reported
Cause:	Not reported
Lead Agency:	Local Agency
Case Type:	Soil only
Date Found:	02/14/1997
Date Stopped:	/ /
Confirm Date:	/ /
Submit Workplan:	Not reported
Prelim Assess:	03/31/1997
Desc Pollution:	Not reported
Remed Plan:	/ /
Remed Action:	Not reported
Began Monitor:	Not reported
Release Date:	02/14/1997
Enforce Date:	Not reported
Closed Date:	Not reported
Enforce Type:	Not reported
Pilot Program:	LOP

FORMER TEXACO STATION (Continued) **S102590533**

Basin Number: 903.11
GW Depth: Not reported
Beneficial Use: NBNOC
NPDES Number: Not reported
Priority: 2B
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3459

E22 **ARCO FACILITY #9749** **SAN DIEGO CO. SAM** **S106916068**
SSE **802 N COAST HY** **N/A**
1/4-1/2 **OCEANSIDE, CA 92054**
0.370 mi.
1952 ft. **Site 4 of 6 in cluster E**

Relative:
Higher

Actual:
64 ft.

SAN DIEGO CO. SAM:
Case Number: H05539-001
Agency: DEH Site Assessment & Mitigation
Funding: **Non Billable**
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 3/30/1988
Date Began: 1/9/1987

Case Number: H05539-002
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Remedial Investigation
Date: 2/2/2010
Date Began: 7/25/1997

E23 **ARCO FACILITY #9749** **LUST** **S103950796**
SSE **802 N COAST HY** **SLIC** **N/A**
1/4-1/2 **OCEANSIDE, CA 92054**
0.370 mi.
1952 ft. **Site 5 of 6 in cluster E**

Relative:
Higher

Actual:
64 ft.

LUST:
Region: STATE
Global Id: T0607302350
Latitude: 33.2012419115725
Longitude: -117.383723258972
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 05/15/2014
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: TS
Local Agency: SAN DIEGO COUNTY LOP

ARCO FACILITY #9749 (Continued) **S103950796**

RB Case Number: 9UT3582
LOC Case Number: H05539-002
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Gasoline
Site History: A phase II property investigation indicated that a release had occurred at the site. Several borings and monitoring wells were installed at the site to investigate the extent of hydrocarbon-impacted soil and groundwater. Assessment is ongoing.

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

Contact:
Global Id: T0607302350
Contact Type: Local Agency Caseworker
Contact Name: TERESA SHERMAN
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: teresa.sherman@sdcounty.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0607302350
Status: Open - Case Begin Date
Status Date: 07/25/1997

Global Id: T0607302350
Status: Open - Remediation
Status Date: 08/23/2000

Global Id: T0607302350
Status: Open - Remediation
Status Date: 05/15/2014

Global Id: T0607302350
Status: Open - Site Assessment
Status Date: 11/04/2009

Regulatory Activities:
Global Id: T0607302350
Action Type: RESPONSE
Date: 05/17/2011
Action: Pilot Study/ Treatability Report

Global Id: T0607302350
Action Type: RESPONSE
Date: 08/21/2013
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 11/18/2013
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE

ARCO FACILITY #9749 (Continued) **S103950796**

Date: 02/04/2014
Action: Risk Assessment Report - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 06/12/2015
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 10/21/2014
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 04/27/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0607302350
Action Type: RESPONSE
Date: 09/11/2014
Action: Interim Remedial Action Report

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 01/12/1998
Action: Notice of Responsibility

Global Id: T0607302350
Action Type: RESPONSE
Date: 03/24/2014
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 04/01/2014
Action: Site Assessment Report - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 06/25/2014
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 03/26/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 09/10/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 05/12/2014
Action: Technical Correspondence / Assistance / Other

ARCO FACILITY #9749 (Continued) **S103950796**

Global Id: T0607302350
Action Type: RESPONSE
Date: 04/08/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0607302350
Action Type: RESPONSE
Date: 07/24/2013
Action: Soil and Water Investigation Report

Global Id: T0607302350
Action Type: RESPONSE
Date: 10/01/2015
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 09/28/2015
Action: Remedial Progress Report - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0607302350
Action Type: RESPONSE
Date: 10/14/2015
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 01/06/2016
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 07/10/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 08/13/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: Other
Date: 07/25/1997
Action: Leak Discovery

Global Id: T0607302350
Action Type: Other
Date: 12/19/1997
Action: Leak Reported

Global Id: T0607302350
Action Type: RESPONSE

ARCO FACILITY #9749 (Continued) **S103950796**

Date: 01/23/2012
Action: Monitoring Report - Quarterly

Global Id: T0607302350
Action Type: RESPONSE
Date: 10/21/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 07/26/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 06/25/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: RESPONSE
Date: 04/24/2014
Action: Well Destruction Report

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 10/26/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 10/04/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 04/03/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 08/12/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 03/02/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: RESPONSE
Date: 04/12/2012
Action: Monitoring Report - Quarterly

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 04/09/2009
Action: Technical Correspondence / Assistance / Other

ARCO FACILITY #9749 (Continued) **S103950796**

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 12/03/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 07/23/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: RESPONSE
Date: 07/24/2012
Action: Monitoring Report - Quarterly

Global Id: T0607302350
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Letter - Notice

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 12/19/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 11/19/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: RESPONSE
Date: 09/27/2012
Action: Monitoring Report - Quarterly

Global Id: T0607302350
Action Type: Other
Date: 07/25/1997
Action: Leak Began

Global Id: T0607302350
Action Type: RESPONSE
Date: 10/22/2012
Action: Monitoring Report - Quarterly

Global Id: T0607302350
Action Type: RESPONSE

ARCO FACILITY #9749 (Continued) **S103950796**

Date: 12/31/2014
Action: Monitoring Report - Quarterly

Global Id: T0607302350
Action Type: RESPONSE
Date: 03/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0607302350
Action Type: RESPONSE
Date: 06/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0607302350
Action Type: RESPONSE
Date: 11/30/2010
Action: Interim Remedial Action Report - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 06/07/2011
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 10/24/2011
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 05/10/2012
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0607302350
Action Type: RESPONSE
Date: 05/10/2012
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 01/18/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: ENFORCEMENT
Date: 03/27/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302350
Action Type: RESPONSE
Date: 10/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0607302350
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Semi-Annually

ARCO FACILITY #9749 (Continued) **S103950796**

Global Id:	T0607302350
Action Type:	RESPONSE
Date:	01/30/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0607302350
Action Type:	RESPONSE
Date:	01/22/2013
Action:	Monitoring Report - Quarterly - Regulator Responded
Global Id:	T0607302350
Action Type:	RESPONSE
Date:	01/23/2013
Action:	Site Assessment Report - Regulator Responded
Global Id:	T0607302350
Action Type:	RESPONSE
Date:	05/28/2013
Action:	Correspondence - Regulator Responded
Global Id:	T0607302350
Action Type:	RESPONSE
Date:	04/29/2013
Action:	Soil and Water Investigation Workplan - Regulator Responded

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/30/1988
Global Id:	T0608101838
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H05539-001
Latitude:	33.201298
Longitude:	-117.383651
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

E24 **THRIFTY #401** **LUST** **S103296810**
SSE **802 COAST HWY N** **HIST CORTESE** **N/A**
1/4-1/2 **OCEANSIDE, CA 92054**
0.375 mi.
1978 ft. **Site 6 of 6 in cluster E**

Relative:
Higher

Actual:
64 ft.

LUST REG 9:

Region:	9
Status:	Preliminary site assessment workplan submitted
Case Number:	9UT3582
Local Case:	H05539-002

THRIFTY #401 (Continued) **S103296810**

Substance: Unleaded Gasoline
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Subsurface Monitoring
How Stopped: Not reported
Source: Tank
Cause: Corrosion
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 12/18/1997
Date Stopped: / /
Confirm Date: 12/30/1997
Submit Workplan: 1/12/98
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 12/19/1997
Enforce Date: Not reported
Closed Date: Not reported
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 903.11
GW Depth: Not reported
Beneficial Use: MUNBU
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3582

25
WSW
1/4-1/2
0.426 mi.
2249 ft.

CHEVRON SERVICE STATION **LUST S104406510**
1380 PACIFIC ST N **HIST CORTESE N/A**
OCEANSIDE, CA 92054

Relative:
Higher

Actual:
12 ft.

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT89
Local Case: H21417-001
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank

CHEVRON SERVICE STATION (Continued) **S104406510**

Source: Tank
Cause: Corrosion
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 12/12/1986
Date Stopped: / /
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 02/11/1987
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 01/05/1987
Enforce Date: Not reported
Closed Date: 3/4/87
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.10
GW Depth: 15ft
Beneficial Use: Not reported
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT89

---

26 **COAST SAVINGS & LOAN** **LUST** **S100232580**
ESE **MCNEIL ST** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **OCEANSIDE, CA 92054** **San Diego Co. HMMD**
0.441 mi. **HIST CORTESE**
2327 ft. **Notify 65**

Relative:
Higher

Actual:
39 ft.

LUST:
Region: STATE
Global Id: T0607300223
Latitude: 33.2023831
Longitude: -117.3745872
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/16/1992
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 9UT1383
LOC Case Number: H26584-001
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

COAST SAVINGS & LOAN (Continued) **S100232580**

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

Status History:

Global Id:	T0607300223
Status:	Completed - Case Closed
Status Date:	01/16/1992
Global Id:	T0607300223
Status:	Open - Case Begin Date
Status Date:	02/01/1989

Regulatory Activities:

Global Id:	T0607300223
Action Type:	Other
Date:	02/01/1989
Action:	Leak Discovery
Global Id:	T0607300223
Action Type:	ENFORCEMENT
Date:	02/27/1989
Action:	Notice of Responsibility
Global Id:	T0607300223
Action Type:	Other
Date:	02/01/1989
Action:	Leak Reported
Global Id:	T0607300223
Action Type:	Other
Date:	02/01/1989
Action:	Leak Stopped
Global Id:	T0607300223
Action Type:	Other
Date:	02/01/1989
Action:	Leak Began

LUST REG 9:

Region:	9
Status:	Case Closed
Case Number:	9UT1383
Local Case:	H26584-001
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Local Agency:	San Diego
How Found:	Tank Closure
How Stopped:	Close Tank
Source:	Not reported
Cause:	Not reported
Lead Agency:	Local Agency
Case Type:	Aquifer affected
Date Found:	02/01/1989
Date Stopped:	02/01/1989

COAST SAVINGS & LOAN (Continued) **S100232580**

Confirm Date: 02/01/1989
Submit Workplan: Not reported
Prelim Assess: 06/05/1989
Desc Pollution: Not reported
Remed Plan: 04/18/1990
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 08/28/1989
Enforce Date: Not reported
Closed Date: 1/9/92
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 903.11
GW Depth: 9
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: Medium priority
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO. SAM:
Case Number: H26584-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 1/16/1992
Date Began: 2/1/1989

SAN DIEGO CO. HMMD:
Facility Id: 126584
Business Type: Not reported
EPA Id Number: Not reported
APN: 144-240-19-00
Last HMMD Inspection: Not reported
Permit Status: INAC
Permit Expiration: Not reported
Facility Owner: COAST SAVINGS & LOAN
Facility Address: 16935 W BERNARDO DR
Facility City: SAN DIEGO
Facility State: CA
Facility Zip: 92127-1634
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA

COAST SAVINGS & LOAN (Continued) **S100232580**

Reg Id: 9UT1383

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

27
SSE
1/4-1/2
0.469 mi.
2474 ft.

SHELL OIL PRODUCTS SERVIC **HIST CORTESE** **S100731595**
601 HILL **N/A**
OCEANSIDE, CA 92054

Relative:
Higher

Actual:
64 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3164

28
SSE
1/4-1/2
0.495 mi.
2615 ft.

SHELL OIL PRODUCTS SERVICE STN **LUST** **S104406474**
601 HILL ST N **N/A**
OCEANSIDE, CA 92054

Relative:
Higher

Actual:
61 ft.

LUST REG 9:
Region: 9
Status: Preliminary site assessment underway
Case Number: 9UT3164
Local Case: H20617-001
Substance: Unleaded Gasoline
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Not reported
How Stopped: Not reported
Source: Not reported
Cause: Not reported
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 01/31/1996
Date Stopped: 02/01/1996
Confirm Date: / /
Submit Workplan: 1/29/96
Prelim Assess: 07/03/1996
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 05/17/1996
Enforce Date: 5/31/96
Closed Date: Not reported

SHELL OIL PRODUCTS SERVICE STN (Continued) **S104406474**

Enforce Type: SEL
Pilot Program: LOP
Basin Number: 904.10
GW Depth: Not reported
Beneficial Use: Beneficial groundwater use other then Municipal use
NPDES Number: Not reported
Priority: 2B
File Dispn: Not reported
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

29
SSE
1/2-1
0.669 mi.
3533 ft.

SEASHELL OIL & CHEMICAL CO
423 N CLEVELAND ST
OCEANSIDE, CA 92054

ENVIROSTOR **1000381492**
LUST **N/A**
SLIC
HIST UST
HIST CORTESE

Relative:
Higher

Actual:
49 ft.

ENVIROSTOR:
Facility ID: 37510121
Status: No Further Action
Status Date: 05/08/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 76
Senate: 36
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.19722
Longitude: -117.3827
APN: NONE SPECIFIED
Past Use: DISTRIBUTOR - CHEMICAL, TRANSPORTATION - WAREHOUSING
Potential COC: TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Acetone Methylene chloride Methyl ethyl ketone (2-Butanone
Confirmed COC: 30024-NO 30025-NO 30026-NO 30032-NO 30384-NO 30386-NO
Potential Description: OTH, SOIL
Alias Name: 37510121
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/01/1983
Comments: FACILITY IDENTIFIED VIA 72 NORTH COUNTY PHONE BOOK

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SEASHELL OIL & CHEMICAL CO (Continued) **1000381492**

Completed Document Type: Site Screening
Completed Date: 05/08/1995
Comments: The Department concurrs with the EPA recommendation that NFA is needed at thei site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/22/1991
Comments: Region 4 staff reviewed PA prepared by EPA. Site is located in the City os Oceanside, San Diego County; Township 11 S. Range 5 W., Section 27, San Bernardino Baseline & Meridian. Site covers about 1/4 acre in mostly residential area. It consists of a warehouseand an office building. All drums containing solvents are stored inside the warehouse. Empty drums are stacked outside on a wooden deck. There are 3 larg aboveground and 4 underground tanks. The reason EPA will not do further investigation is because: The groundwater is brackish (not potable) and surface water is not used for drinking. Staff recommends PEARM for state involvement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/03/1987
Comments: SITE SCREENING DONE SPILLED FUEL IS ALLOWED TO DRAIN TO RR TRACKS. CONSIDERABLE SOIL CONTM PROB

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

LUST:
Region: STATE
Global Id: T0607302660
Latitude: 33.1967952
Longitude: -117.3828004
Case Type: LUST Cleanup Site
Status: Open - Eligible for Closure
Status Date: 06/23/2015
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: LA
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: 9UT3900
LOC Case Number: H10868-002
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel, Gasoline, Kerosene, Stoddard solvent / Mineral Spriits / Distillates
Site History: This case was opened in response to the discovery of contaminated soil during the removal of three and the abandonment of one underground storage tanks (USTs) in April 1999. Soil samples

SEASHELL OIL & CHEMICAL CO (Continued) **1000381492**

collected from the tank excavation contained total petroleum hydrocarbons at a concentration of 9,256 mg/kg (13-17 ft). The USTs were used to store hydraulic and motor oil, solvents and kerosene. Aboveground storage tanks were used to store gasoline and diesel fuel. There was also a fuel dispenser island in the middle of the lot. The facility was demolished in May 2000. Five monitoring wells were installed in 2000 and free product was detected that consisted of diesel #1 & 2 and gasoline. See Environmental Data Tab for additional information.

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

Contact:

Global Id:	T0607302660
Contact Type:	Local Agency Caseworker
Contact Name:	LAURIE APECECHEA
Organization Name:	SAN DIEGO COUNTY LOP
Address:	P.O. Box 129261
City:	San Diego
Email:	laurie.apececchea@sdcounty.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0607302660
Status:	Open - Case Begin Date
Status Date:	04/08/1999
Global Id:	T0607302660
Status:	Open - Eligible for Closure
Status Date:	04/29/1999
Global Id:	T0607302660
Status:	Open - Eligible for Closure
Status Date:	06/23/2015
Global Id:	T0607302660
Status:	Open - Site Assessment
Status Date:	08/20/2014
Global Id:	T0607302660
Status:	Open - Verification Monitoring
Status Date:	04/29/1999

Regulatory Activities:

Global Id:	T0607302660
Action Type:	ENFORCEMENT
Date:	03/16/2015
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0607302660
Action Type:	RESPONSE
Date:	09/06/2013
Action:	CAP/RAP - Other Report - Regulator Responded
Global Id:	T0607302660
Action Type:	RESPONSE
Date:	10/25/2013

SEASHELL OIL & CHEMICAL CO (Continued) **1000381492**

Action: CAP/RAP - Feasibility Study Report - Regulator Responded

Global Id: T0607302660
Action Type: RESPONSE
Date: 03/04/2014
Action: Fact Sheets - Public Participation - Regulator Responded

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 10/19/2009
Action: Staff Letter

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 05/20/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: RESPONSE
Date: 03/17/2015
Action: Email Correspondence

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 06/02/1999
Action: Notice of Responsibility

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 09/09/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: RESPONSE
Date: 03/13/2015
Action: Request for Closure - Regulator Responded

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 09/18/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 07/09/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: RESPONSE
Date: 04/27/2011
Action: Monitoring Report - Other

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 05/05/2010
Action: Staff Letter

SEASHELL OIL & CHEMICAL CO (Continued) **1000381492**

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 07/10/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 08/19/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 12/11/2014
Action: File review

Global Id: T0607302660
Action Type: Other
Date: 04/08/1999
Action: Leak Discovery

Global Id: T0607302660
Action Type: Other
Date: 04/26/1999
Action: Leak Reported

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 10/08/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 11/06/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: RESPONSE
Date: 06/12/2014
Action: Other Report / Document

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 08/29/2011
Action: File review

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 01/16/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: RESPONSE
Date: 04/30/2012
Action: Monitoring Report - Other

Global Id: T0607302660
Action Type: ENFORCEMENT

SEASHELL OIL & CHEMICAL CO (Continued) **1000381492**

Date: 11/25/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: RESPONSE
Date: 08/15/2010
Action: Correspondence

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 01/12/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: RESPONSE
Date: 03/23/2015
Action: CAP/RAP - Other Report

Global Id: T0607302660
Action Type: Other
Date: 04/08/1999
Action: Leak Stopped

Global Id: T0607302660
Action Type: RESPONSE
Date: 01/15/2016
Action: Email Correspondence

Global Id: T0607302660
Action Type: REMEDIATION
Date: 10/26/2001
Action: Pump & Treat (P&T) Groundwater

Global Id: T0607302660
Action Type: REMEDIATION
Date: 10/25/2001
Action: Excavation

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 12/20/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: Other
Date: 04/08/1999
Action: Leak Began

Global Id: T0607302660
Action Type: RESPONSE
Date: 05/06/2010
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

Global Id: T0607302660
Action Type: RESPONSE
Date: 05/06/2010
Action: Clean Up Fund - 5-Year Review Summary - Regulator Responded

SEASHELL OIL & CHEMICAL CO (Continued) **1000381492**

Global Id: T0607302660
Action Type: RESPONSE
Date: 11/29/2010
Action: Conceptual Site Model - Regulator Responded

Global Id: T0607302660
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607302660
Action Type: RESPONSE
Date: 11/15/2011
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 06/09/2010
Action: Staff Letter

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 08/17/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302660
Action Type: RESPONSE
Date: 01/07/2013
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0607302660
Action Type: RESPONSE
Date: 06/12/2013
Action: CAP/RAP - Other Report - Regulator Responded

Global Id: T0607302660
Action Type: ENFORCEMENT
Date: 11/22/2011
Action: Technical Correspondence / Assistance / Other

LUST REG 9:
Region: 9
Status: Preliminary site assessment workplan submitted
Case Number: 9UT3900
Local Case: H10868-002
Substance: Lubricating Oil
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank
Source: Tank
Cause: Corrosion
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 04/08/1999

SEASHELL OIL & CHEMICAL CO (Continued) **1000381492**

Date Stopped: 04/08/1999
Confirm Date: 04/29/1999
Submit Workplan: 5/13/99
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 04/26/1999
Enforce Date: Not reported
Closed Date: Not reported
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 903.11
GW Depth: 38'
Beneficial Use: No Beneficial groundwater use
NPDES Number: Not reported
Priority: 3A
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SLIC:
Region: STATE
Facility Status: **Open - Verification Monitoring**
Status Date: 11/15/2000
Global Id: T0608175764
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H10868-003
Latitude: 33.196963
Longitude: -117.382724
Case Type: Cleanup Program Site
Case Worker: LA
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Diesel, Gasoline
Site History: Not reported

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

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 12/05/2006
Global Id: T0608114045
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H10868-001
Latitude: 33.196963
Longitude: -117.382724
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Other Groundwater (uses other than drinking water)

SEASHELL OIL & CHEMICAL CO (Continued) **1000381492**

Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

HIST UST:
File Number: 0002F20F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F20F.pdf
Region: STATE
Facility ID: 00000003302
Facility Type: Other
Other Type: BULK PETROLEUM PLANT
Contact Name: ROBERT L. STIER
Telephone: 6197222282
Owner Name: ROBERT L. STIER INC. DBA SEA S
Owner Address: P.O. BOX 357-423 N. CLEVELAND
Owner City,St,Zip: OCEANSIDE, CA 92054
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 3

SEASHELL OIL & CHEMICAL CO (Continued) **1000381492**

Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

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

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:

Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT3900

Region:	CORTESE
Facility County Code:	37
Reg By:	CALSI
Reg Id:	37510121

---

30 South 1/2-1 0.778 mi. 4106 ft.

OCEANSIDE ELECTRIC AND GAS CO PLANT **EDR MGP** **1008407727**
THE STRAND AND 3RD **N/A**
OCEANSIDE, CA 92054

Relative: Higher

Actual: 14 ft.

Manufactured Gas Plants:
No additional information available

31
SE
1/2-1
0.863 mi.
4554 ft.

OCEANSIDE HIGH SCHOOL EXPANSION
100 SOUTH HORNE STREET
OCEANSIDE, CA 92054

ENVIROSTOR
SCH

S105628908
N/A

Relative:
Higher

Actual:
119 ft.

ENVIROSTOR:

Facility ID:	37820001
Status:	No Further Action
Status Date:	09/26/2001
Site Code:	404179
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	3
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	76
Senate:	36
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.2015
Longitude:	-117.3524
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	SOIL, SV
Alias Name:	OCEANSIDE HIGH SCHOOL EXPANSION
Alias Type:	Alternate Name
Alias Name:	OCEANSIDE UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	OCEANSIDE USD-OCEANSIDE HS
Alias Type:	Alternate Name
Alias Name:	404179
Alias Type:	Project Code (Site Code)
Alias Name:	37820001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/26/2001
Comments:	DTSC approved the PEA Report with a no further action determination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	03/29/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo

OCEANSIDE HIGH SCHOOL EXPANSION (Continued) **S105628908**

Completed Date: 10/12/2001
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

SCH:

Facility ID: 37820001
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404179
Assembly: 76
Senate: 36
Special Program Status: Not reported
Status: No Further Action
Status Date: 09/26/2001
Restricted Use: NO
Funding: School District
Latitude: 33.2015
Longitude: -117.3524
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: SOIL, SV
Alias Name: OCEANSIDE HIGH SCHOOL EXPANSION
Alias Type: Alternate Name
Alias Name: OCEANSIDE UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: OCEANSIDE USD-OCEANSIDE HS
Alias Type: Alternate Name
Alias Name: 404179
Alias Type: Project Code (Site Code)
Alias Name: 37820001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report

OCEANSIDE HIGH SCHOOL EXPANSION (Continued) **S105628908**

Completed Date:	09/26/2001
Comments:	DTSC approved the PEA Report with a no further action determination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	03/29/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/12/2001
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

32
SSE
1/2-1
0.941 mi.
4969 ft.

Relative:
Higher

Actual:
52 ft.

A.T. & S.F. RAILROAD FUEL
117 CLEVELAND
OCEANSIDE, CA 92054

ENVIROSTOR **S100179011**
LUST **N/A**
SAN DIEGO CO. SAM
SLIC
San Diego Co. HMMD
SWEEPS UST
HIST CORTESE
Notify 65

ENVIROSTOR:

Facility ID:	37400002
Status:	Refer: 1248 Local Agency
Status Date:	11/22/2000
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:	73
Senate:	Not reported
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

A.T. & S.F. RAILROAD FUEL (Continued) **S100179011**

Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 37400002
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: 11/22/2000
Comments: SB 1248 San Diego County

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

LUST:
Region: STATE
Global Id: T0607300224
Latitude: 33.1931446
Longitude: -117.3795747
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/30/1993
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 9UT1384
LOC Case Number: H24096-001
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

Status History:
Global Id: T0607300224
Status: Completed - Case Closed
Status Date: 12/30/1993

Global Id: T0607300224
Status: Open - Case Begin Date
Status Date: 04/03/1989

Regulatory Activities:
Global Id: T0607300224
Action Type: Other
Date: 04/03/1989
Action: Leak Discovery

A.T. & S.F. RAILROAD FUEL (Continued) **S100179011**

Global Id: T0607300224
Action Type: Other
Date: 04/03/1989
Action: Leak Reported

Global Id: T0607300224
Action Type: ENFORCEMENT
Date: 04/05/1989
Action: Notice of Responsibility

Global Id: T0607300224
Action Type: Other
Date: 04/03/1989
Action: Leak Stopped

Global Id: T0607300224
Action Type: Other
Date: 04/03/1989
Action: Leak Began

SAN DIEGO CO. SAM:
Case Number: H24096-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: GW With No Beneficial Use Designation
Facility Status: Closed Case
Date: 12/30/1993
Date Began: 4/3/1989

Case Number: H24096-002
Agency: DEH Site Assessment & Mitigation
Funding: **Private - VAP**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 9/27/1999
Date Began: 8/17/1992

Case Number: H24096-003
Agency: DEH Site Assessment & Mitigation
Funding: **Private - VAP**
Facility Type: GW With No Beneficial Use Designation
Facility Status: Closed Case
Date: 10/9/2003
Date Began: 12/6/1999

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 09/27/1999
Global Id: T0608127790
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H24096-002
Latitude: 33.19392
Longitude: -117.380202
Case Type: Cleanup Program Site

A.T. & S.F. RAILROAD FUEL (Continued) **S100179011**

Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Heating Oil / Fuel Oil
Site History:	Not reported

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

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/09/2003
Global Id:	T0608142815
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H24096-003
Latitude:	33.19392
Longitude:	-117.380202
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Heating Oil / Fuel Oil
Site History:	Not reported

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

SAN DIEGO CO. HMMD:

Facility Id:	124096
Business Type:	Not reported
EPA Id Number:	Not reported
APN:	147-350-19-00
Last HMMD Inspection:	Not reported
Permit Status:	INAC
Permit Expiration:	Not reported
Facility Owner:	ATCHISON TOPEKA & SANTA FE RR
Facility Address:	5200 E SHEILA ST
Facility City:	LOS ANGELES
Facility State:	CA
Facility Zip:	90040-3956
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 124096 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	124096
Tank Type:	SINGLE WALL
Additional Id:	001
Capacity Gallons:	15000

A.T. & S.F. RAILROAD FUEL (Continued) **S100179011**

UST Contents: Not reported
Other Content Info: SEE FILE FOR CONTENTS
Reg Status: REMOVED
Remove Close Date: 1989-03-04 00:00:00
Year Installed: 1930-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 124096 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 124096
Tank Type: SINGLE WALL
Additional Id: 002
Capacity Gallons: 15000
UST Contents: Not reported
Other Content Info: SEE FILE FOR CONTENTS
Reg Status: REMOVED
Remove Close Date: 1989-03-04 00:00:00
Year Installed: 1930-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

SWEEPS UST:
Status: Active
Comp Number: 24096
Number: 9
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 24096
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-024096-000001
Tank Status: Not reported

A.T. & S.F. RAILROAD FUEL (Continued) **S100179011**

Capacity:	15000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	2
Status:	Not reported
Comp Number:	24096
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-024096-000002
Tank Status:	Not reported
Capacity:	15000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT1384

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

33
ESE
1/2-1
0.965 mi.
5097 ft.

Relative:
Higher

Actual:
140 ft.

TEXACO(FORMER) **ENVIROSTOR** **S104749513**
1444 MISSION AVENUE **LUST** **N/A**
OCEANSIDE, CA 92054 **SAN DIEGO CO. SAM**
SLIC
San Diego Co. HMMD
HIST CORTESE

ENVIROSTOR:

Facility ID:	37550003
Status:	Refer: 1248 Local Agency
Status Date:	11/04/2004
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED

TEXACO(FORMER) (Continued) **S104749513**

Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 73
Senate: Not reported
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: 37550003
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

LUST:
Region: STATE
Global Id: T0607300299
Latitude: 33.201868
Longitude: -117.36936
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/25/1997
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 9UT1478
LOC Case Number: H20627-002
File Location: Local Agency
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:

Status History:
Global Id: T0607300299

TEXACO(FORMER) (Continued) **S104749513**

Status: Completed - Case Closed
Status Date: 02/25/1997

Global Id: T0607300299
Status: Open - Case Begin Date
Status Date: 07/17/1989

Regulatory Activities:
Global Id: T0607300299
Action Type: Other
Date: 07/17/1989
Action: Leak Discovery

Global Id: T0607300299
Action Type: Other
Date: 07/17/1989
Action: Leak Reported

Global Id: T0607300299
Action Type: ENFORCEMENT
Date: 08/14/1989
Action: Notice of Responsibility

Global Id: T0607300299
Action Type: Other
Date: 07/17/1989
Action: Leak Stopped

Global Id: T0607300299
Action Type: Other
Date: 07/17/1989
Action: Leak Began

Global Id: T0607300299
Action Type: ENFORCEMENT
Date: 02/04/1997
Action: Closure/No Further Action Letter - #H20627-002

SAN DIEGO CO. SAM:
Case Number: H20627-001
Agency: DEH Site Assessment & Mitigation
Funding: **Non Billable**
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 4/25/1988
Date Began: 1/8/1987

Case Number: H20627-002
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 2/25/1997
Date Began: 7/17/1989

TEXACO(FORMER) (Continued) **S104749513**

Case Number: H20627-003
Agency: DEH Site Assessment & Mitigation
Funding: **Private - VAP**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 11/9/2004
Date Began: Not reported

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 11/09/2004
Global Id: T06019738009
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H20627-003
Latitude: 33.201892
Longitude: -117.369376
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
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:

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 04/25/1988
Global Id: T0608134453
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H20627-001
Latitude: 33.201892
Longitude: -117.369376
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
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:

SAN DIEGO CO. HMMD:
Facility Id: 120627
Business Type: 6HK18
EPA Id Number: Not reported
APN: 148-143-21-00
Last HMMD Inspection: 07/29/1995
Permit Status: INAC
Permit Expiration: 07/29/1995
Facility Owner: TEXACO USA INC

TEXACO(FORMER) (Continued) **S104749513**

Facility Address:	10 UNIVERSAL CITY PLAZA
Facility City:	UNIVERSAL CITY
Facility State:	CA
Facility Zip:	91608-
UST Owner:	TEXACO USA INC
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 120627 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	120627
Tank Type:	SINGLE WALL
Additional Id:	1
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1989-07-17 00:00:00
Year Installed:	1971-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	PRESSURE
Monitor Code:	05
UST Monitor Method:	SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name:	UNDERGROUND TANK 120627 T002
Last Update:	2012-11-02 14:17:38
Permit Number:	120627
Tank Type:	SINGLE WALL
Additional Id:	2
Capacity Gallons:	10000
UST Contents:	LEADED
Other Content Info:	LEADED
Reg Status:	REMOVED
Remove Close Date:	1989-07-17 00:00:00
Year Installed:	1971-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	PRESSURE
Monitor Code:	05
UST Monitor Method:	SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name:	UNDERGROUND TANK 120627 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	120627
Tank Type:	SINGLE WALL
Additional Id:	3
Capacity Gallons:	10000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	PREMIUM UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1989-07-17 00:00:00
Year Installed:	1971-01-01 00:00:00

TEXACO(FORMER) (Continued) **S104749513**

Pipe Type: Not reported
Delivery System: PRESSURE
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

HIST CORTESE:
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT1478

Count: 6 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OCEANSIDE	S108406956	ASTLEFORD PROPERTY	08TH & NEVADA	92054	SAN DIEGO CO. SAM
OCEANSIDE	S110497153	AMERICAN TOWER CORP #4471	675 BENET HILL	92054	San Diego Co. HMMD
OCEANSIDE	S108407091	JENCO INC/MANAGING PARTNER	N CLEVELAND ST	92054	SAN DIEGO CO. SAM
OCEANSIDE	S106060396	CAROLS CLEANERS	306 COAST HWY	92054	San Diego Co. HMMD
OCEANSIDE	S104406472	U-HAUL OF OCEANSIDE	802 HILL ST S	92054	LUST, HIST CORTESE
PENDLETON	S118504794	SAN ONOFRE NUCLEAR GENERATING STAT	OLD PACIFIC HIGHWAY	92058	SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 04/18/2016
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/13/2015
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 135

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/08/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 08/01/2016
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: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
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: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
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: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
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: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
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: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/16/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
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: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
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: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 51

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
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: 02/01/2016
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
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: 02/01/2016
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
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: 02/15/2016
Date Data Arrived at EDR: 02/17/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 44

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/18/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 61

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/16/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Quarterly

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 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 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 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 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 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 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

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 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
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: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

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: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

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: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
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: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 61
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/16/2016
Next Scheduled EDR Contact: 06/27/2016
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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 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: 04/11/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 49
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/16/2016
Next Scheduled EDR Contact: 06/27/2016
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: 03/11/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

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: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
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: 12/03/2015
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 120

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

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: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 119

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 02/01/2016
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/01/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

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

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2015
Date Data Arrived at EDR: 12/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 57
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/22/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

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: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 54
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/16/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 04/07/2016
Date Data Arrived at EDR: 04/12/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 50

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/13/2016
Next Scheduled EDR Contact: 08/22/2016
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: 04/27/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/18/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 88

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
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: 02/01/2016
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 09/30/2015
Date Data Arrived at EDR: 01/19/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 63

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/18/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 88

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/25/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 16

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/01/2016
Next Scheduled EDR Contact: 09/12/2016
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

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/08/2016
Date Data Arrived at EDR: 03/11/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 54

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 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: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
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: 03/07/2016
Date Data Arrived at EDR: 03/08/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 57

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
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: 12/16/2015
Date Data Arrived at EDR: 01/27/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 55

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
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: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 61

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/16/2016
Next Scheduled EDR Contact: 06/27/2016
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: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 61

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/16/2016
Next Scheduled EDR Contact: 06/27/2016
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 / No Longer Regulated

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

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/11/2016
Next Scheduled EDR Contact: 06/20/2016
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: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 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: 05/20/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/18/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
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: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 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: 05/12/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
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: 03/24/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 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: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

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: 05/12/2016
Next Scheduled EDR Contact: 08/22/2016
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: 04/12/2016
Next Scheduled EDR Contact: 07/25/2016
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: 04/08/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
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: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
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: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 28

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
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: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
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: 03/11/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 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: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/08/2016
Next Scheduled EDR Contact: 07/18/2016
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

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: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
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: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/27/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
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: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/11/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 80

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

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: 04/07/2016
Next Scheduled EDR Contact: 07/18/2016
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

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: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2016
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

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: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 03/01/2016
Date Data Arrived at EDR: 03/03/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 40

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

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: 02/08/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 37

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
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: 12/31/2014
Date Data Arrived at EDR: 03/22/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 48

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/22/2016
Next Scheduled EDR Contact: 07/04/2016
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: 01/26/2016
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 53

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/28/2016
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/17/2016
Date Data Arrived at EDR: 02/23/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 38

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 08/29/2016
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: 12/31/2014
Date Data Arrived at EDR: 10/14/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 58

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 37
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/11/2016
Date Data Arrived at EDR: 04/12/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 50
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/12/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 54
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/16/2016
Next Scheduled EDR Contact: 06/27/2016
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: 02/29/2016
Date Data Arrived at EDR: 03/08/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 57
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/16/2016
Date Data Arrived at EDR: 02/17/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 44
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/18/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/08/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 69
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/08/2016
Next Scheduled EDR Contact: 06/20/2016
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 54
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/16/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 07/04/2016
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: 07/23/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 28
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/16/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 07/03/2009
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: 03/28/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/23/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 86

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive 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 Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR 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: 04/12/2016
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 48

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/11/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/06/2016
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 48

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/11/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 03/21/2016
Date Data Arrived at EDR: 03/22/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 43

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 02/19/2016
Date Data Arrived at EDR: 02/23/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 38

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 02/02/2016
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 18

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 37

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 08/22/2016
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: 02/24/2016
Date Data Arrived at EDR: 02/26/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 35

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/02/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 01/22/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 03/07/2016
Number of Days to Update: 31

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 37

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/02/2016
Next Scheduled EDR Contact: 08/15/2016
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: 04/04/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 28

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/04/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/16/2016
Date Data Arrived at EDR: 03/21/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 44

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 01/25/2016
Date Data Arrived at EDR: 01/27/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 26

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
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: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 03/01/2016
Date Data Arrived at EDR: 03/03/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 67

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
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: 02/23/2016
Date Data Arrived at EDR: 02/25/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 36

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 02/09/2016
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 49

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
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: 03/21/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/30/2016
Date Data Arrived at EDR: 04/01/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 38
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/01/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/18/2016
Date Data Arrived at EDR: 04/20/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 42
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/20/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
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: 03/28/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
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: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 34
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/05/2016
Date Data Arrived at EDR: 04/26/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 36
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
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: 03/02/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016
Date Data Arrived at EDR: 04/26/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 36

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 02/26/2016
Date Data Arrived at EDR: 03/01/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 64

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 03/03/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 47

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
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: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
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: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 01/27/2016
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 18
Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2016
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 49
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/01/2016
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 49
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/11/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 21
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/11/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/09/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 56
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
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: 04/13/2016
Date Data Arrived at EDR: 04/15/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 24
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/21/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/13/2016
Date Data Arrived at EDR: 04/15/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 47
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/21/2016
Next Scheduled EDR Contact: 07/04/2016
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: 02/02/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 56
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/06/2016
Next Scheduled EDR Contact: 07/18/2016
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: 02/02/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 56
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/06/2016
Next Scheduled EDR Contact: 07/18/2016
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: 03/15/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
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: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
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: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
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: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
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: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
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: 04/06/2016
Date Data Arrived at EDR: 04/08/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 26

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 04/04/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 37

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
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: 10/14/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 32

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/27/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 55

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/14/2016
Next Scheduled EDR Contact: 06/27/2016
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: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 03/04/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 66

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
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: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 02/10/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 51

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 02/26/2016
Date Data Arrived at EDR: 03/01/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 64

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/18/2016
Date Data Arrived at EDR: 03/21/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 44

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
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: 03/14/2016
Date Data Arrived at EDR: 03/22/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 48

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/14/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/21/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 44

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/14/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 04/05/2016
Date Data Arrived at EDR: 04/08/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 26

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 07/11/2016
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: 04/01/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 34

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 50

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 03/08/2016
Date Data Arrived at EDR: 03/11/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 59

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
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: 12/28/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 53

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
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: 04/04/2016
Next Scheduled EDR Contact: 07/18/2016
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: 05/13/2016
Next Scheduled EDR Contact: 08/22/2016
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: 12/28/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 53

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
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: 02/26/2016
Date Data Arrived at EDR: 03/17/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 48

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/17/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 04/12/2016
Date Data Arrived at EDR: 04/19/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 43

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 04/04/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/01/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 02/22/2016
Number of Days to Update: 17

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/15/2016
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: 05/13/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/12/2016
Next Scheduled EDR Contact: 07/25/2016
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: 02/01/2016
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/14/2016
Next Scheduled EDR Contact: 06/27/2016
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, 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.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NORTH COAST HIGHWAY HILL STREET BRIDGE
HILL STREET
OCEANSIDE, CA 92054

TARGET PROPERTY COORDINATES

Latitude (North):	33.206359 - 33° 12' 22.89''
Longitude (West):	117.385167 - 117° 23' 6.60''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	464102.4
UTM Y (Meters):	3674038.5
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641306 OCEANSIDE, CA
Version Date:	2012
East Map:	5641318 SAN LUIS REY, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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).

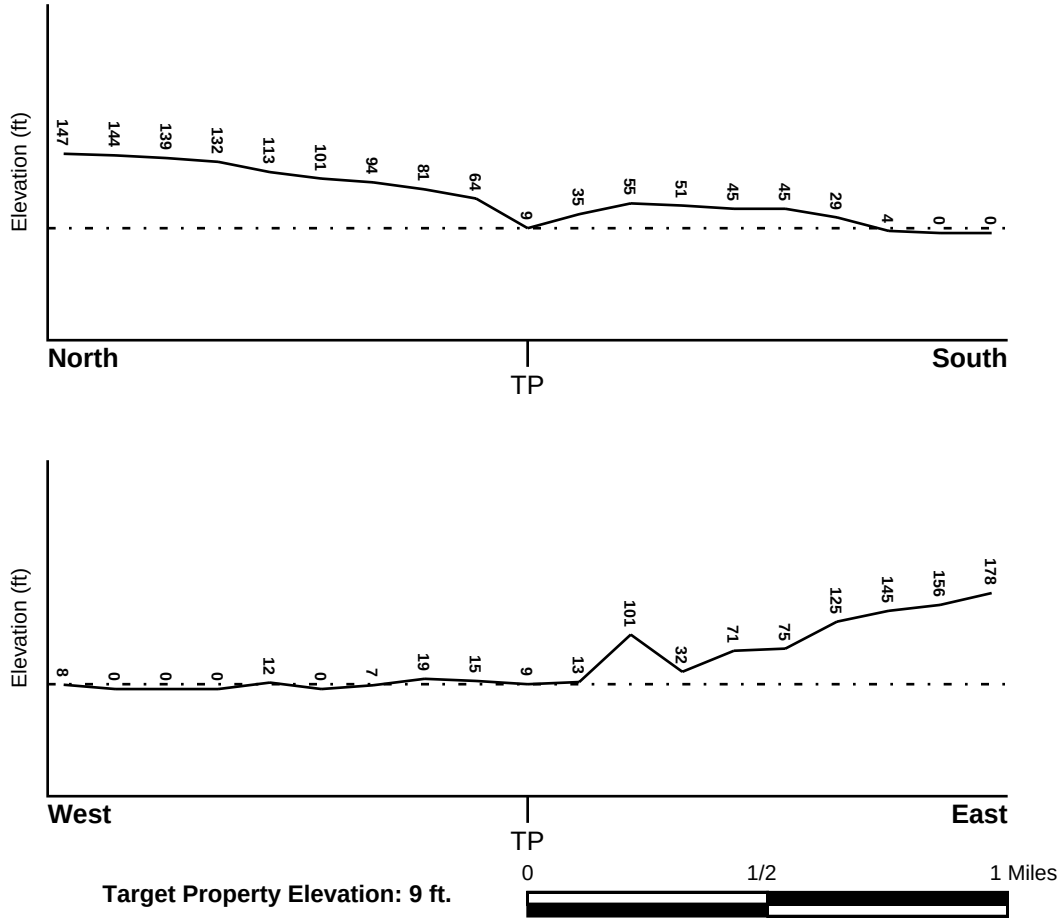
TOPOGRAPHIC INFORMATION

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 SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 9 ft.

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
SAN DIEGO, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06073C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
OCEANSIDE	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
18	1/2 - 1 Mile SE	W

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

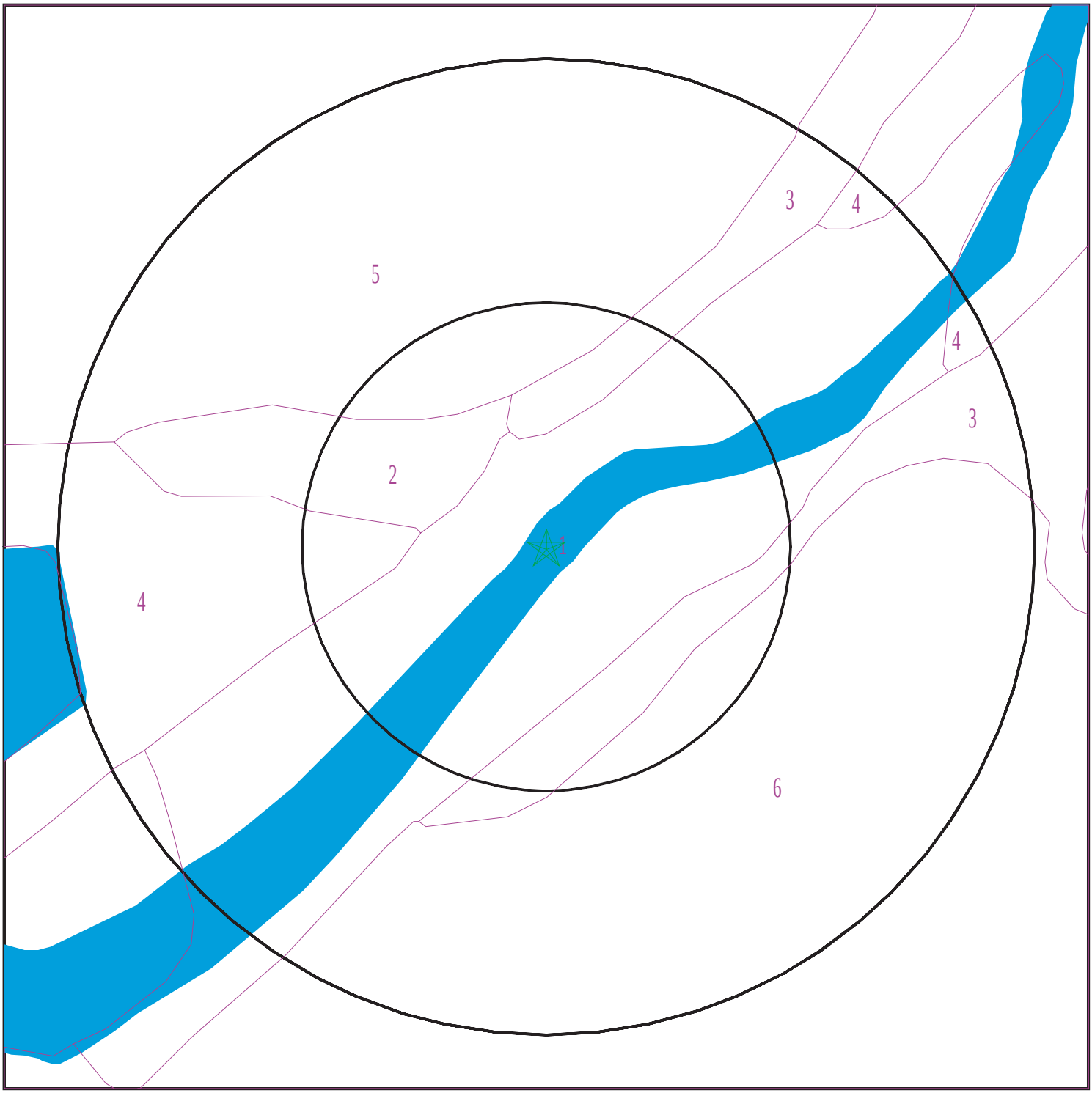
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

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).

SSURGO SOIL MAP - 4640619.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	North Coast Highway Hill Street Bridge	CLIENT:	Drake Haglan and Associates
ADDRESS:	Hill Street Oceanside CA 92054	CONTACT:	Lindsay Tisch
LAT/LONG:	33.206359 / 117.385167	INQUIRY #:	4640619.2s
		DATE:	June 07, 2016 8:05 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: TIDAL FLATS

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: HUERHUERO

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 5.1
2	9 inches	50 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4
3	50 inches	59 inches	stratified sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: TERRACE ESCARPMENTS

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: MADE LAND

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: MARINA

Soil Surface Texture: loamy coarse sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
2	9 inches	57 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.8 Min: 6.1
3	57 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: TUJUNGA

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
2	14 inches	33 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.6
3	33 inches	59 inches	stratified gravelly sand to gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.6

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000130464	0 - 1/8 Mile ENE
A2	USGS40000130461	0 - 1/8 Mile SSE
A3	USGS40000130468	0 - 1/8 Mile NNW
A4	USGS40000130453	0 - 1/8 Mile SE
B5	USGS40000130450	0 - 1/8 Mile SSE
B6	USGS40000130445	0 - 1/8 Mile SSE
7	USGS40000130460	0 - 1/8 Mile East
B8	USGS40000130444	0 - 1/8 Mile SSE
C11	USGS40000130484	1/4 - 1/2 Mile NE
C12	USGS40000130483	1/4 - 1/2 Mile NE
C13	USGS40000130485	1/4 - 1/2 Mile NE
C14	USGS40000130487	1/4 - 1/2 Mile NE
C15	USGS40000130486	1/4 - 1/2 Mile NE
16	USGS40000130480	1/4 - 1/2 Mile ENE
17	USGS40000130479	1/4 - 1/2 Mile ENE

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
C9	CADW60000033700	1/8 - 1/4 Mile NE
C10	CADW60000027387	1/8 - 1/4 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG11000223095	1/4 - 1/2 Mile NE

PHYSICAL SETTING SOURCE MAP - 4640619.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	North Coast Highway Hill Street Bridge	CLIENT:	Drake Haglan and Associates
ADDRESS:	Hill Street Oceanside CA 92054	CONTACT:	Lindsay Tisch
LAT/LONG:	33.206359 / 117.385167	INQUIRY #:	4640619.2s
		DATE:	June 07, 2016 8:05 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
ENE **FED USGS** **USGS40000130464**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331223117230301		
Monloc name:	011S005W22H007S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2064248
Longitude:	-117.385039	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1929	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
SSE **FED USGS** **USGS40000130461**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331222117230301		
Monloc name:	011S005W22H006S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.206147
Longitude:	-117.385039	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1928	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A3
NNW **FED USGS** **USGS40000130468**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331225117230401		
Monloc name:	011S005W22H008S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2069803
Longitude:	-117.3853169	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	9.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1929	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A4
SE **FED USGS** **USGS40000130453**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331220117230101		
Monloc name:	011S005W22H005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2055915
Longitude:	-117.3844835	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1.00
Vert measure units:	feet	Vertacc measure val:	10
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:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B5
SSE **FED USGS** **USGS40000130450**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331219117230101		
Monloc name:	011S005W22H004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2053137
Longitude:	-117.3844835	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1929	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B6
SSE **FED USGS** **USGS40000130445**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331218117230101		
Monloc name:	011S005W22H003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.205036
Longitude:	-117.3844835	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1928	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
East **FED USGS** **USGS40000130460**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331222117225701		
Monloc name:	011S005W22Z001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2061471
Longitude:	-117.3833724	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	9.00
Vert measure units:	feet	Vertacc measure val:	10
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:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B8
SSE **FED USGS** **USGS40000130444**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331218117230001		
Monloc name:	011S005W22Z002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.205036
Longitude:	-117.3842057	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1929	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C9
NE
1/8 - 1/4 Mile
Higher

CA WELLS **CADW60000033700**

Objectid:	33700
Latitude:	33.2087
Longitude:	-117.3826
Site code:	332087N1173826W002
State well numbe:	11S05W23E003S
Local well name:	’’
Well use id:	6
Well use descrip:	Unknown
County id:	37
County name:	San Diego
Basin code:	’9-7’
Basin desc:	San Luis Rey Valley
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000033700

C10
NE
1/8 - 1/4 Mile
Higher

CA WELLS **CADW60000027387**

Objectid:	27387
Latitude:	33.2087
Longitude:	-117.3826
Site code:	332087N1173826W001
State well numbe:	11S05W23E001S
Local well name:	’’
Well use id:	6
Well use descrip:	Unknown
County id:	37
County name:	San Diego
Basin code:	’9-7’
Basin desc:	San Luis Rey Valley
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000027387

C11
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000130484**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331231117225102		
Monloc name:	011S005W23E002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.208647
Longitude:	-117.3817057	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.00
Vert measure units:	feet	Vertacc measure val:	10
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:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C12
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000130483**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331231117225101		
Monloc name:	011S005W23E001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.208647
Longitude:	-117.3817057	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1948	Welldepth:	60
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-10-01	6.00	

C13
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000130485**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331231117225103		
Monloc name:	011S005W23E003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.208647
Longitude:	-117.3817057	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.00
Vert measure units:	feet	Vertacc measure val:	10
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:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-10-01	5.00	

C14
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000130487**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331231117225105		
Monloc name:	011S005W23E005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.208647
Longitude:	-117.3817057	Sourcemap scale:	Not Reported

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1962	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C15
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000130486**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331231117225104		
Monloc name:	011S005W23E004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.208647
Longitude:	-117.3817057	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1961	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

16
ENE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000130480**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331229117224901		
Monloc name:	011S005W23Z002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2080914
Longitude:	-117.38115	Sourcemap scale:	Not Reported

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	10
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:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

17
ENE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000130479**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-331229117224301		
Monloc name:	011S005W23Z001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070303	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.2080914
Longitude:	-117.3794834	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	125.00
Vert measure units:	feet	Vertacc measure val:	10
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:	1920	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

18
SE
1/2 - 1 Mile
Higher

AQUIFLOW **38400**

Site ID:	Not Reported
Groundwater Flow:	W
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	05/11/1994

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000223095**

District nun:	1	Api number:	07300045
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	C. R. Schuster		
County name:	San Diego	Fieldname:	Any Field
Area name:	Any Area	Section:	23
Township:	11S	Range:	05W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000223095		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92054	32	0

Federal EPA Radon Zone for SAN DIEGO County: 3

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 Zip Code: 92054

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, 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.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

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 Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C

USGS 7.5 MINUTE TOPOGRAPHIC QUAD MAPS

North Coast Highway Hill Street Bridge

Hill Street

Oceanside, CA 92054

Inquiry Number: 4640619.4

June 07, 2016

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

06/07/16

Site Name:

North Coast Highway Hill Stree
Hill Street
Oceanside, CA 92054
EDR Inquiry # 4640619.4

Client Name:

Drake Haglan and Associates
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670
Contact: Lindsay Tisch

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Drake Haglan and Associates were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: Coast Highway Bridge Replace

Coordinates:

Latitude:	33.206359 33° 12' 23" North
Longitude:	-117.385167 -117° 23' 7" West
UTM Zone:	Zone 11 North
UTM X Meters:	464103.19
UTM Y Meters:	3674230.38
Elevation:	9.80' above sea level

Maps Provided:

2012
1997
1975
1968
1949
1947, 1948
1901
1898
1893

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Oceanside
2012
7.5-minute, 24000



San Luis Rey
2012
7.5-minute, 24000

1997 Source Sheets



Oceanside
1997
7.5-minute, 24000
Aerial Photo Revised 1997



San Luis Rey
1997
7.5-minute, 24000
Aerial Photo Revised 1997

1975 Source Sheets



San Luis Rey
1975
7.5-minute, 24000
Photo Revised 1975
Aerial Photo Revised 1975



Oceanside
1975
7.5-minute, 24000
Photo Revised 1975
Aerial Photo Revised 1975

1968 Source Sheets



Oceanside
1968
7.5-minute, 24000
Aerial Photo Revised 1967



San Luis Rey
1968
7.5-minute, 24000
Aerial Photo Revised 1967

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1949 Source Sheets



Oceanside
1949
7.5-minute, 24000
Aerial Photo Revised 1946



San Luis Rey
1949
7.5-minute, 24000
Aerial Photo Revised 1946

1947, 1948 Source Sheets



Oceanside
1947
7.5-minute, 24000
Aerial Photo Revised 1946



San Luis Rey
1948
7.5-minute, 24000
Aerial Photo Revised 1946

1901 Source Sheets



Oceanside
1901
15-minute, 62500

1898 Source Sheets



Oceanside
1898
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

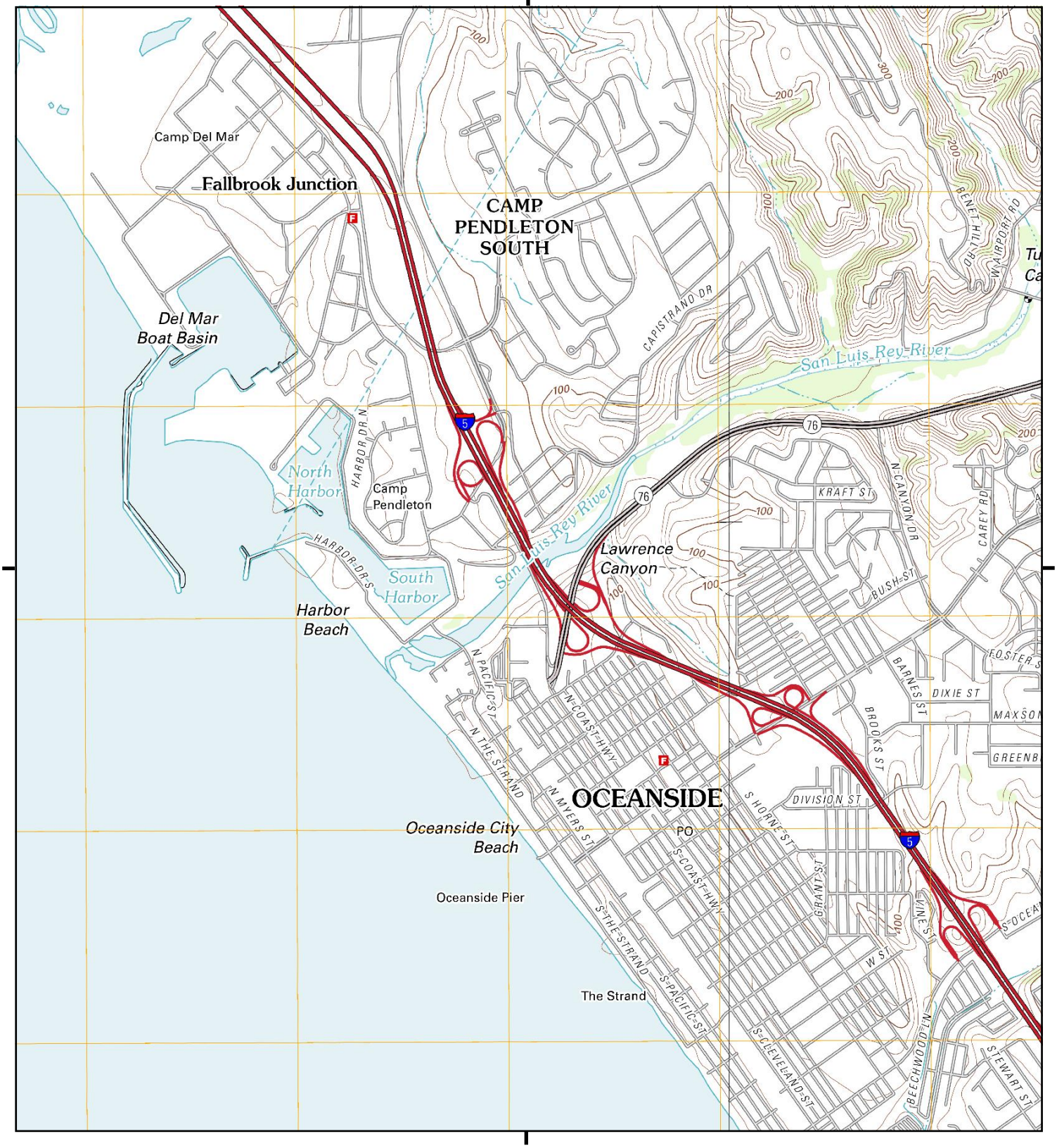
1893 Source Sheets



Oceanside
1893
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Oceanside, 2012, 7.5-minute
E, San Luis Rey, 2012, 7.5-minute

SITE NAME: North Coast Highway Hill Street Bridge
ADDRESS: Hill Street
Oceanside, CA 92054
CLIENT: Drake Haglan and Associates

N



This report includes information from the following map sheet(s).

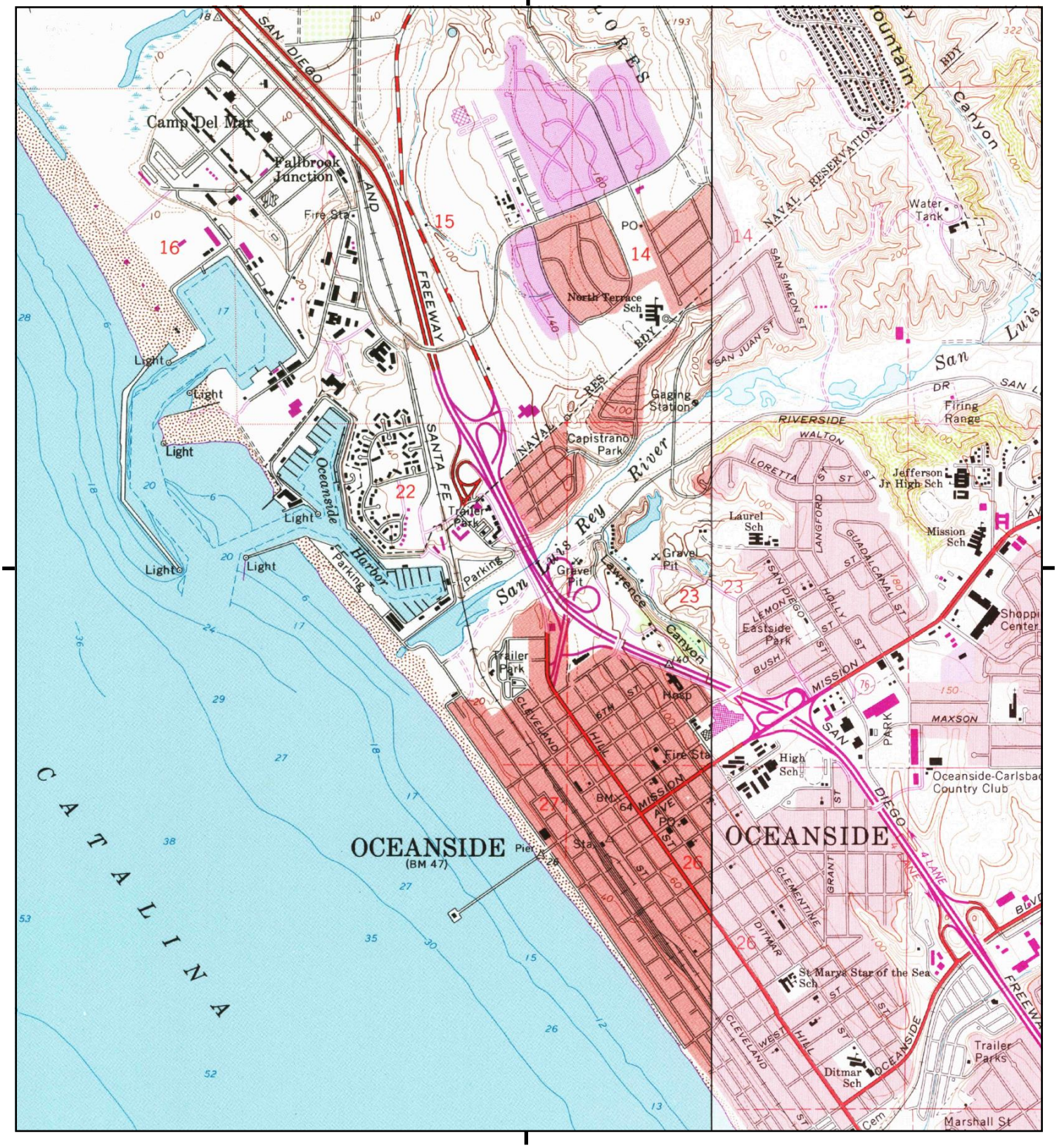
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Oceanside, 1997, 7.5-minute
E, San Luis Rey, 1997, 7.5-minute

SITE NAME: North Coast Highway Hill Street Bridge
ADDRESS: Hill Street
Oceanside, CA 92054
CLIENT: Drake Haglan and Associates

N



This report includes information from the following map sheet(s).

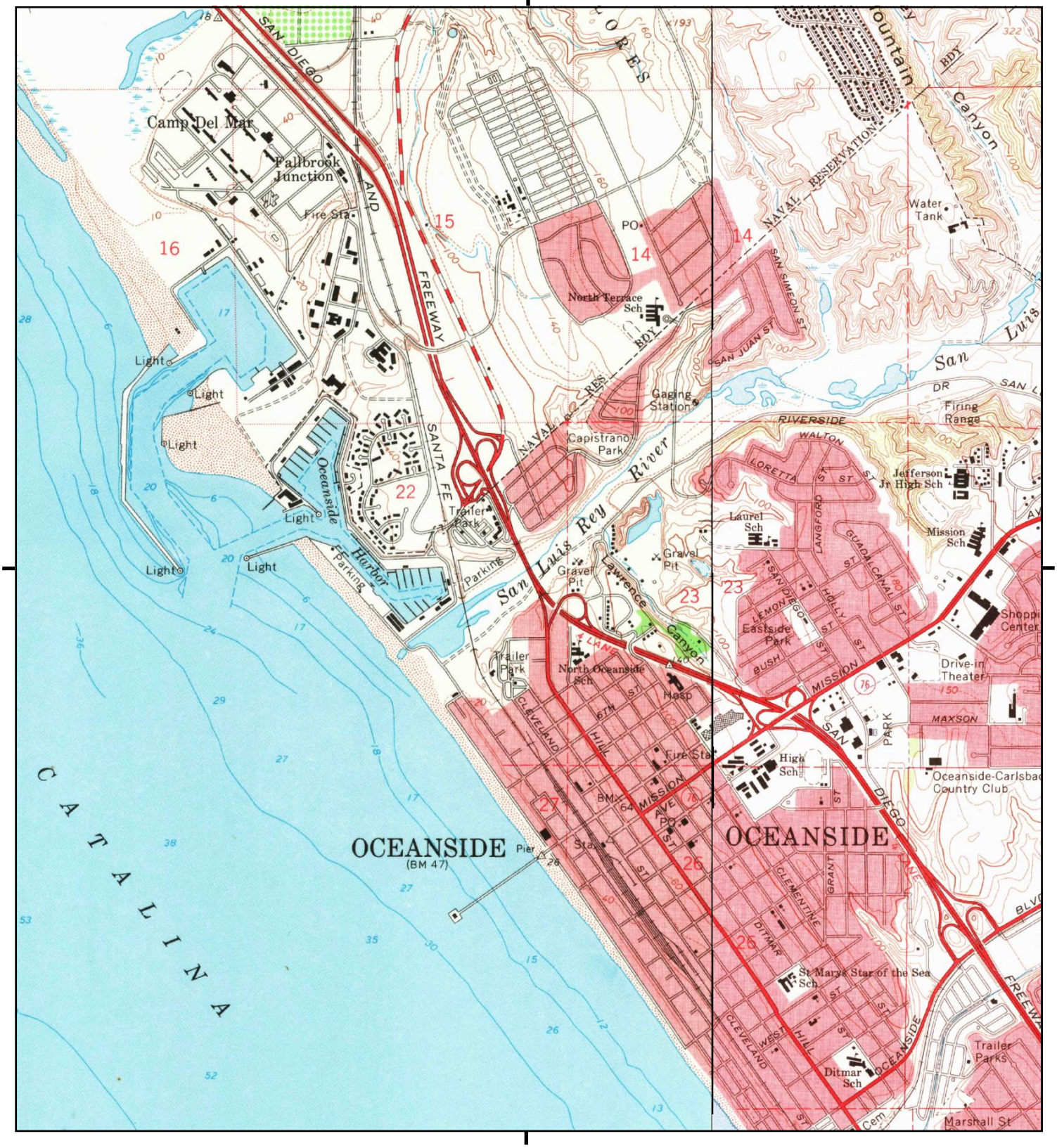
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W E
SW S SE

TP, Oceanside, 1975, 7.5-minute
E, San Luis Rey, 1975, 7.5-minute

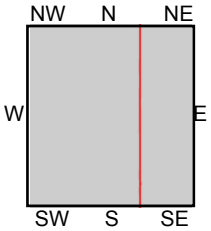
SITE NAME: North Coast Highway Hill Street Bridge
ADDRESS: Hill Street
Oceanside, CA 92054
CLIENT: Drake Haglan and Associates

N



This report includes information from the following map sheet(s).

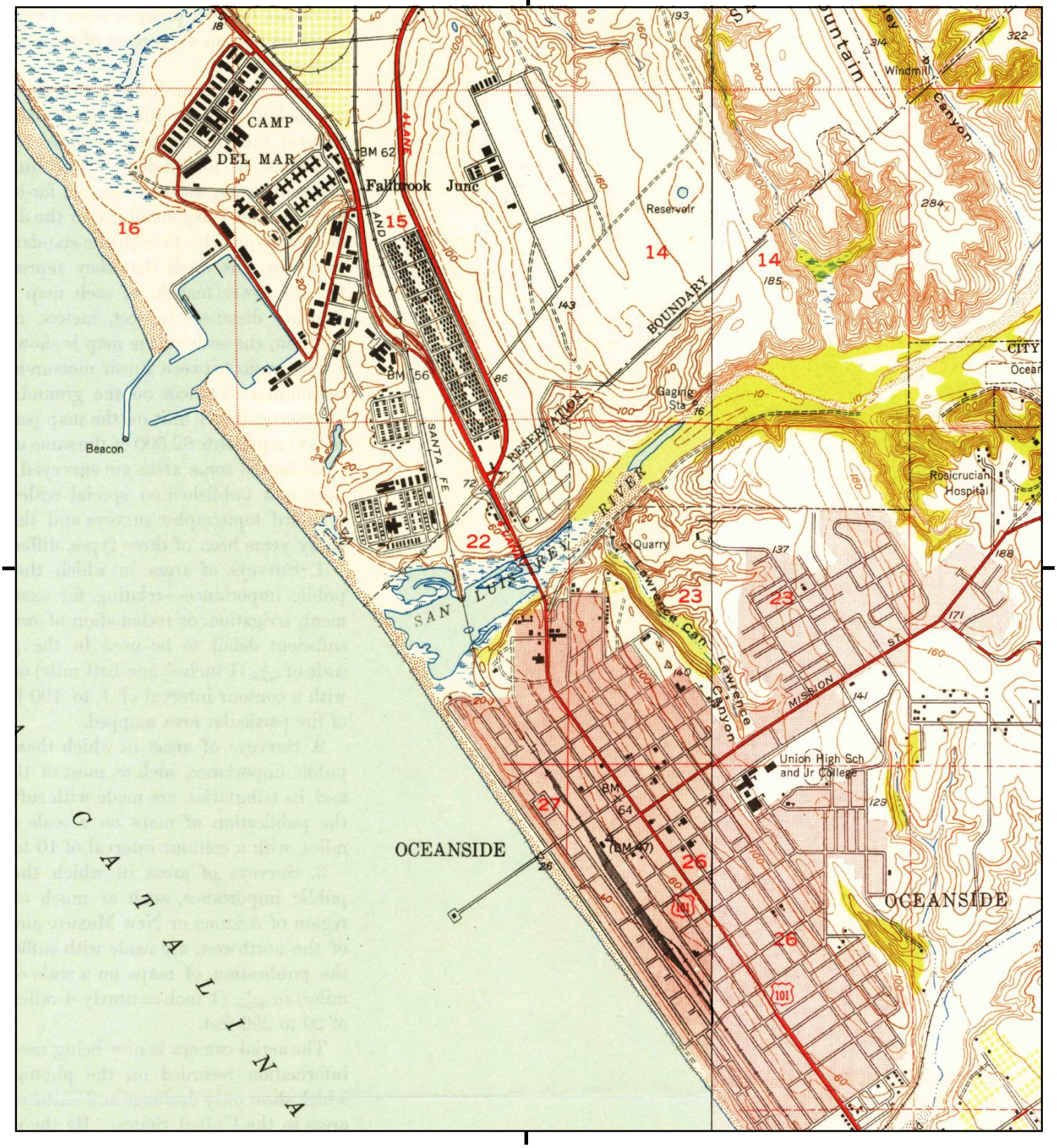
0 Miles 0.25 0.5 1 1.5



TP, Oceanside, 1968, 7.5-minute
E, San Luis Rey, 1968, 7.5-minute

SITE NAME: North Coast Highway Hill Street Bridge
ADDRESS: Hill Street
Oceanside, CA 92054
CLIENT: Drake Haglan and Associates

N



This report includes information from the following map sheet(s).

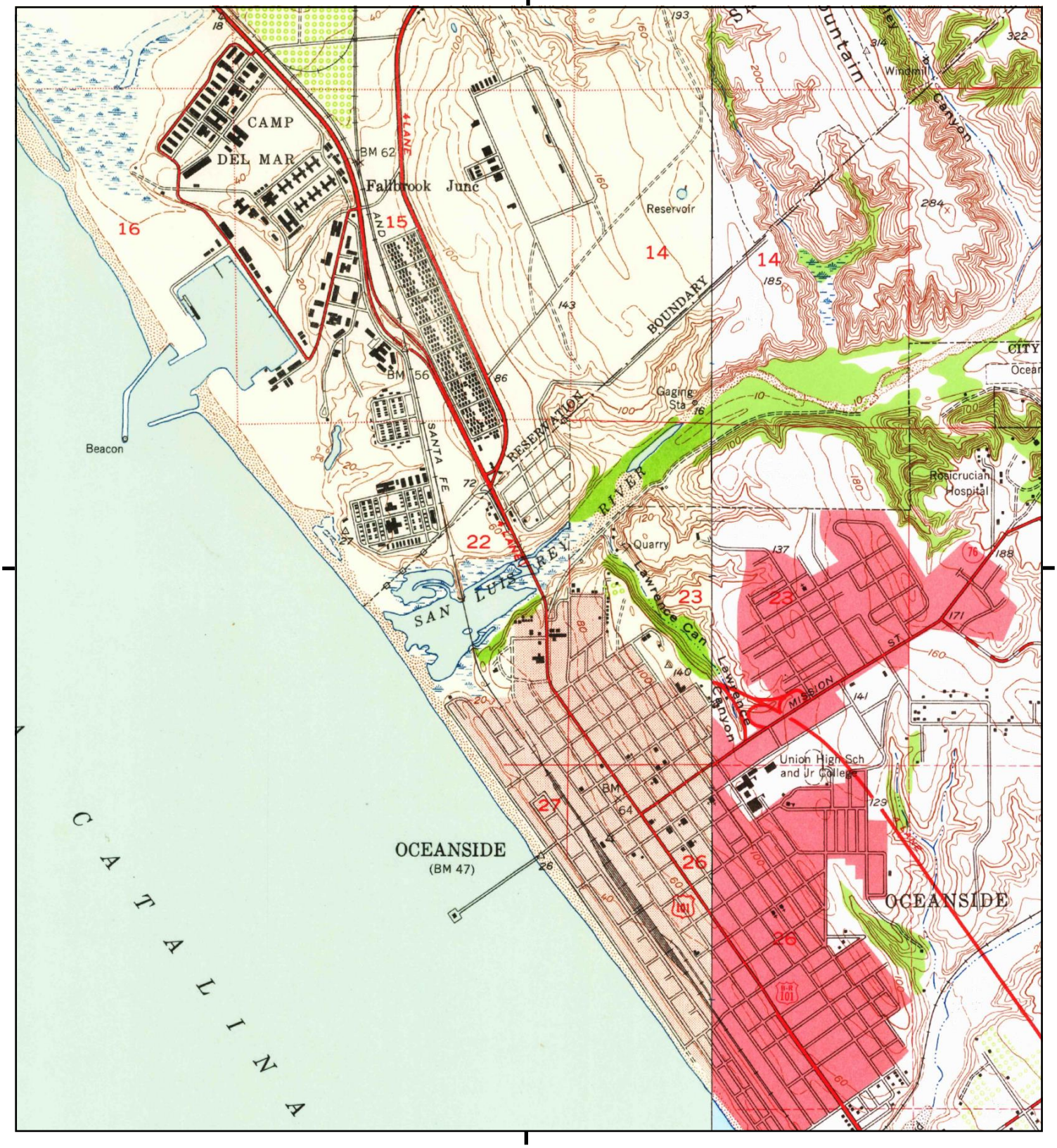
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Oceanside, 1949, 7.5-minute
E, San Luis Rey, 1949, 7.5-minute

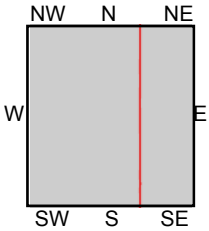
SITE NAME: North Coast Highway Hill Street Bridge
ADDRESS: Hill Street
Oceanside, CA 92054
CLIENT: Drake Haglan and Associates

N



This report includes information from the following map sheet(s).

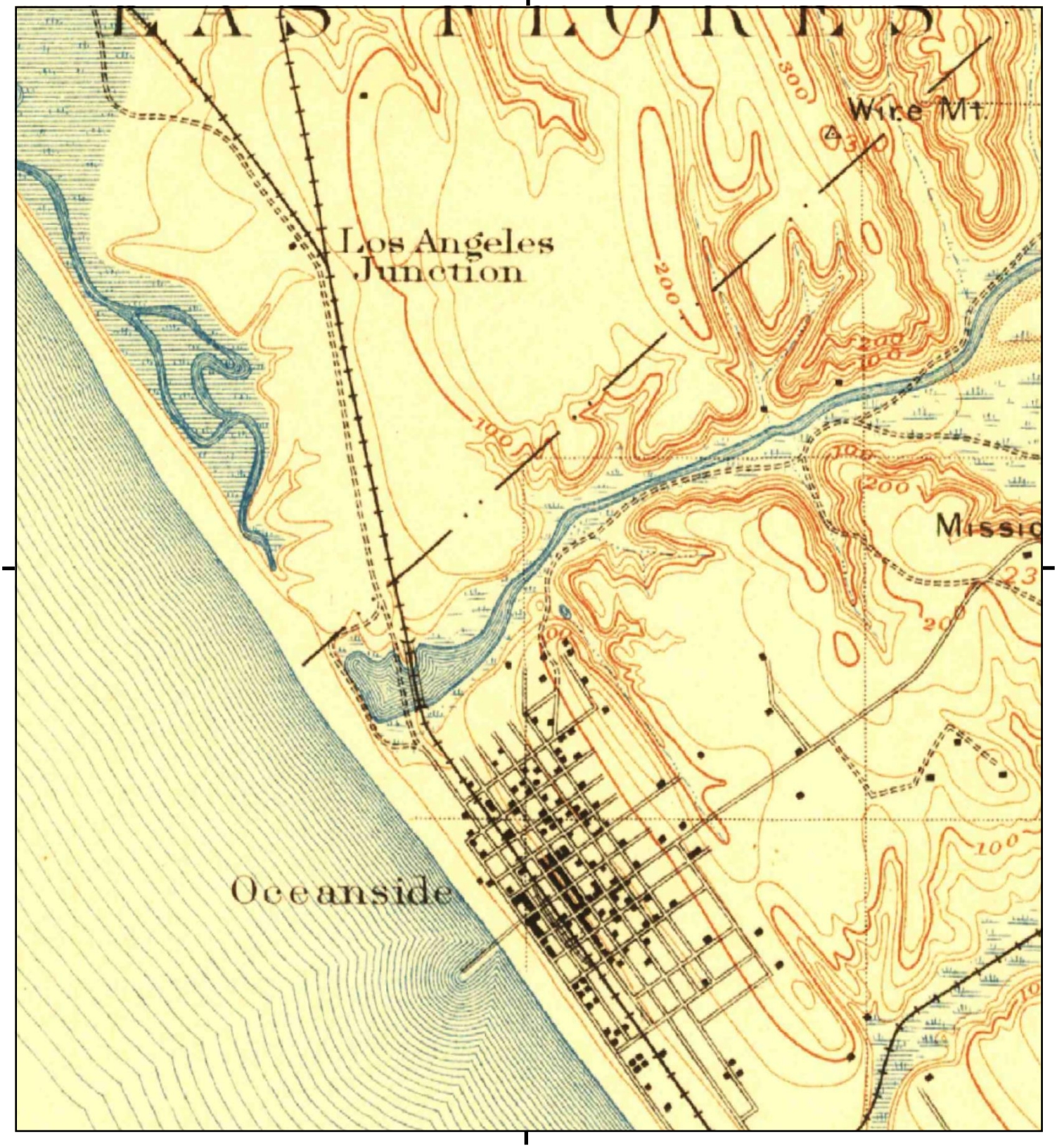
0 Miles 0.25 0.5 1 1.5



TP, Oceanside, 1947, 7.5-minute
E, San Luis Rey, 1948, 7.5-minute

SITE NAME: North Coast Highway Hill Street Bridge
ADDRESS: Hill Street
Oceanside, CA 92054
CLIENT: Drake Haglan and Associates

N



This report includes information from the following map sheet(s).

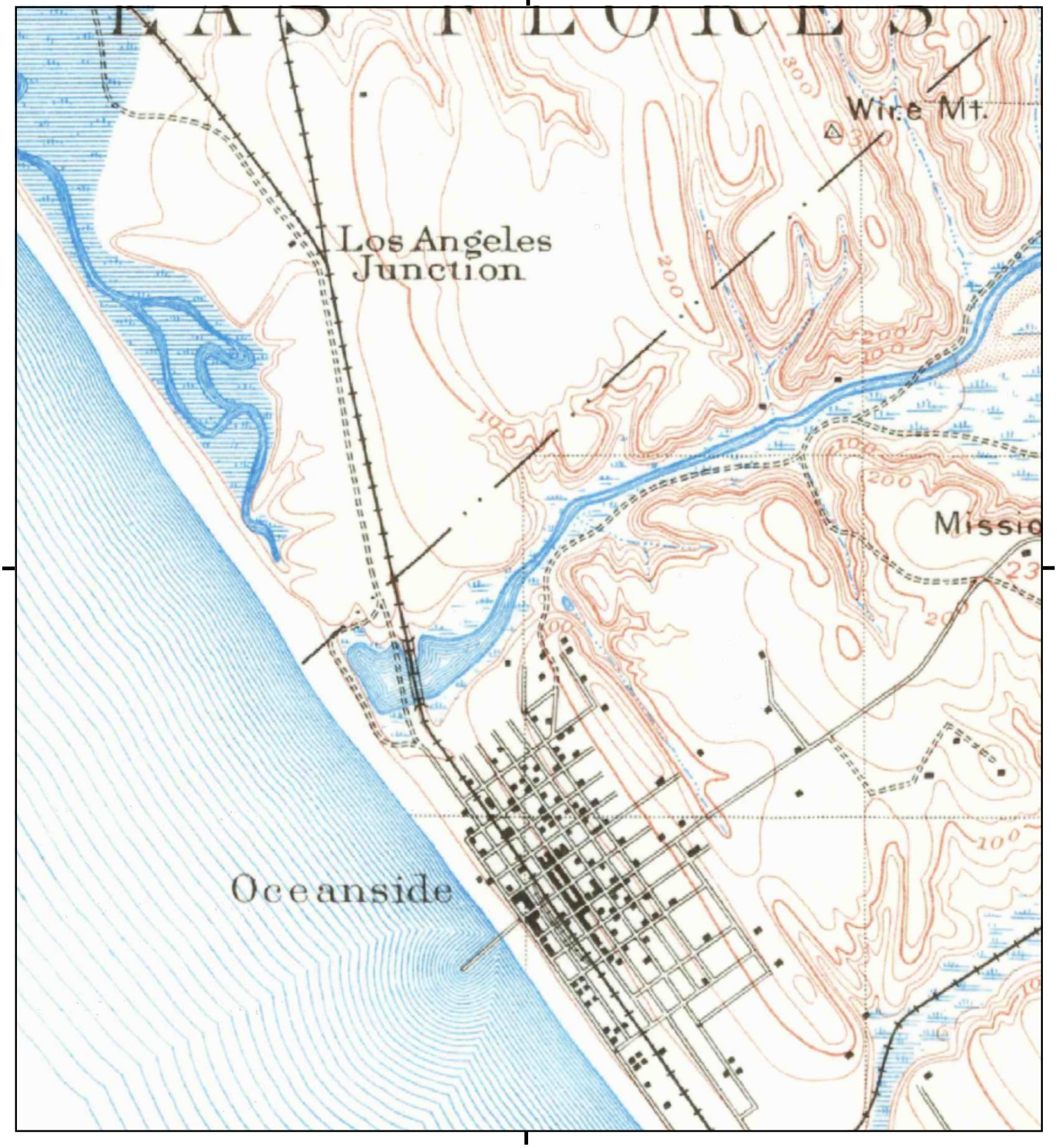
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Oceanside, 1901, 15-minute

SITE NAME: North Coast Highway Hill Street Bridge
ADDRESS: Hill Street
Oceanside, CA 92054
CLIENT: Drake Haglan and Associates

N



This report includes information from the following map sheet(s).

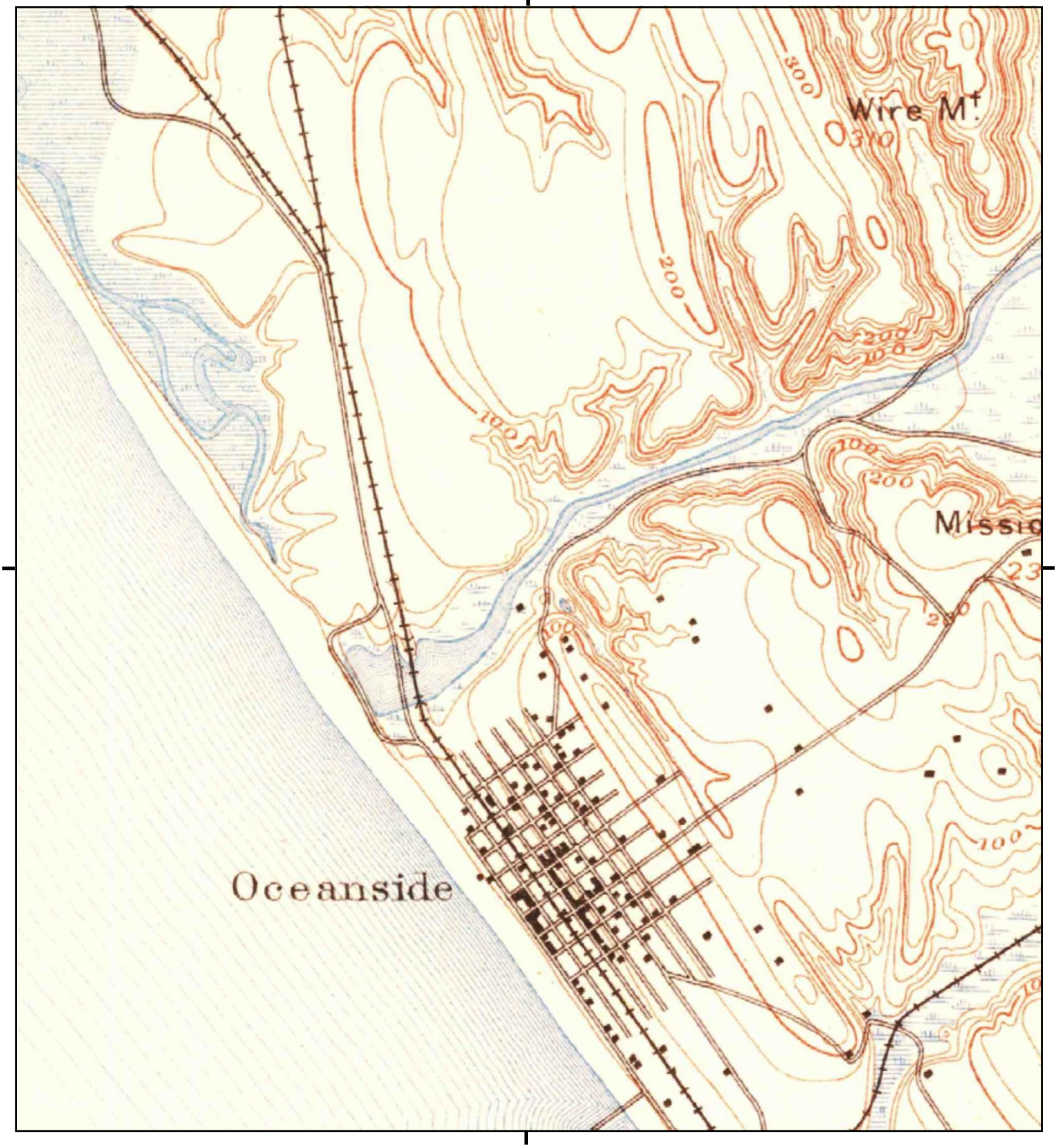
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Oceanside, 1898, 15-minute

SITE NAME: North Coast Highway Hill Street Bridge
ADDRESS: Hill Street
Oceanside, CA 92054
CLIENT: Drake Haglan and Associates

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Oceanside, 1893, 15-minute

SITE NAME: North Coast Highway Hill Street Bridge
ADDRESS: Hill Street
Oceanside, CA 92054
CLIENT: Drake Haglan and Associates

N

APPENDIX D

SANBORN MAP

North Coast Highway Hill Street Bridge

Hill Street

Oceanside, CA 92054

Inquiry Number: 4640619.3

June 07, 2016

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

06/07/16

Site Name:

North Coast Highway Hill Stree
Hill Street
Oceanside, CA 92054
EDR Inquiry # 4640619.3

Client Name:

Drake Haglan and Associates
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670
Contact: Lindsay Tisch

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Certified Sanborn Results:

Certification # 5A4E-42A1-A281

PO # NA

Project Coast Highway Bridge Replace

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 5A4E-42A1-A281

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

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

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APPENDIX E

SITE PHOTOS



Photograph 1: View of western side of bridge



Photograph 2: Bridge surface and northern approach



Photograph 3: View of utility lines running along western side of bridge



Photograph 3: View of utility lines running along western side of bridge

Appendix F

ISA Checklist

Initial Site Assessment (ISA) Checklist

Project Information

District 11 County SD Route _____ Post Mile Hill Street EA _____

Description Hill Street Bridge (North Coast Highway) in the City of Oceanside crossing the San Luis Rey River

Is the project on the HW Study Minimal-Risk Projects List (HW1)? No

Project Manager David J Toschak phone # _____

Project Engineer _____ phone # _____

Project Screening

Attach the project location map to this checklist to show location of all known and/or potential HW sites identified.

1. Project Features: New R/W? no Excavation? yes Railroad Involvement? no

   Structure demolition/modification? yes Subsurface utility relocation? no

2. Project Setting Hill Street Bridge over San Luis Rey River

   Rural or Urban Urban

   Current land uses Major arterial road carrying vehicular and pedestrian traffic over river

   Adjacent land uses Commercial and light industrial

   (industrial, light industry, commercial, agricultural, residential, etc.)

3. Check federal, State, and local environmental and health regulatory agency records as necessary, to see if any known hazardous waste site is in or near the project area. If a known site is identified, show its location on the attached map and attach additional sheets, as needed, to provide pertinent information for the proposed project.

4. Conduct Field Inspection. Date February 16, 2017 Use the attached map to locate potential or known HW sites.

   STORAGE STRUCTURES / PIPELINES:

   Underground tanks none observed Surface tanks none observed

   Sumps none observed Ponds none observed

   Drums none observed Basins none observed

   Transformers Yes Landfill none observed

   Other _____

Initial Site Assessment (ISA) Checklist

(continued)

CONTAMINATION: (spills, leaks, illegal dumping, etc.)

Surface staining none observed Oil sheen none observed

Odors none observed Vegetation damage none observed

Other _____

HAZARDOUS MATERIALS: (asbestos, lead, etc.)

Buildings none involved in project Spray-on fireproofing none observed

Pipe wrap none observed Friable tile none observed

Acoustical plaster none observed Serpentine no potential

Paint Metal guard rails and steel girders Other _____

5. Additional record search, as necessary, of subsequent land uses that could have resulted in a hazardous waste site. Use the attached map to show the location of potential hazardous waste sites.

6. Other comments and/or observations: _____

ISA Determination

Does the project have potential hazardous waste involvement? Yes If there is known or potential hazardous waste involvement, is additional ISA work needed before task orders can be prepared for the Investigation? No If "YES," explain; then give an estimate of additional time required: _____

A brief memo should be prepared to transmit the ISA conclusions to the Project Manager and Project Engineer.

ISA Conducted by Jennifer Hildebrandt, M.S. **Date** February 16, 2017

Appendix G

Hazardous Materials Testing Report

(submitted separately)