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

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

October 21, 2014

VIA E-FILING

Carlsbad Energy Center Project Petition to Amend (07-AFC-06C)
Mike Monasmith, Project Manager
Joe Douglas, Compliance Project Manager
Paul Kramer – Hearing Officer
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

Re: Petition to Remove Obsolete Facilities to Support Construction and Petition to Amend the Carlsbad Energy Center Project (07-AFC-06C) Supplemental Responses to Data Request Set 2A (Nos. 59 and 60)

Dear Mr. Monasmith and Mr. Douglas:

On August 29, 2014, California Energy Commission staff filed Data Request Set 2A (Nos. 59 - 66) (TN 203012) (the "**Data Requests**") regarding Carlsbad Energy Center LLC's ("**Project Owner**") Petition to Remove Obsolete Facilities to Support Construction of the Carlsbad Energy Center Project (07-AFC-06C) ("**CECP**") and Petition to Amend the CECP. The enclosed document contains Project Owner's supplemental responses to Data Requests Nos. 59 and 60.

Please contact me if you have questions or would like to discuss this response further.

Locke Lord LLP

John A. McKinsey

Attorneys for Carlsbad Energy Center LLC

JAM:dh

Enclosures

Carlsbad Energy Center Project Petition to Amend

(07-AFC-06C)

Data Response Set 2A Supplement

(Supplemental Responses to Data Requests 59 to 60)

Submitted to

California Energy Commission

Prepared by

Carlsbad Energy Center LLC

With assistance from

CH2MHILL®

6 Hutton Centre Drive Suite 700 Santa Ana, CA 92707

October 21, 2014

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Introduction

Attached are Carlsbad Energy Center LLC's (Project Owner) supplemental responses to the California Energy Commission (CEC) Data Request, Set 2A (numbers 59 through 60) regarding Waste Management for the Carlsbad Energy Center Project (07-AFC-06C) (CECP) Petition to Amend (PTA). Any capitalized terms not defined in this Supplemental Data Response Set 2A shall have the meanings given to them in the PTA.

The responses are grouped by individual discipline or topic area. Within each discipline area, the responses are presented in the same order as the CEC presented them and are keyed to the Data Request numbers.

Additional tables, figures, or documents submitted in response to a data request (for example, supporting data, stand-alone documents such as plans, folding graphics, etc.) are found at the end of each discipline-specific section and are not sequentially page-numbered consistently with the remainder of the document, though they may have their own internal page-numbering system.

Waste Management (59-60)

BACKGROUND: ENCINA POWER STATION (EPS) DEMOLITION

Page 2-44 of the PTA states, "Subsurface remediation of the EPS site is not included as part of the demolition activities to occur under the PTA, but maybe conducted at a later date for future redevelopment of the site." The Project Owner would be required to comply with applicable regulations that require that the conditions at the site not harm humans or the environment. Accordingly, the Project Owner will be required to enter into the Voluntary Assistance Program with the San Diego County Department of Environmental Health (DEH). DEH staff provides project oversight and technical or environmental report evaluation on projects pertaining to properties contaminated with hazardous substances. DEH enforces Health & Safety Code §§ 101480-101490, Administration of Public Health, Released Waste. DEH serves as the administering agency on environmental cleanup projects in the county. Both the demolition of aboveground storage tanks (ASTs) 1, 2 and 4, and the demolition of the Encina Power Station will require new applications to be filed with the Voluntary Assistance Program. Staff would require the Project Owner to pay the necessary fees and comply with the permit requirements that would otherwise be issued by DEH (if it were not for the permitting authority of the Energy Commission), to mitigate potential impacts to human health and the environment.

DATA REQUEST

59. Please provide a schedule and description of the regulatory process between the Carlsbad Energy Center Project owner and the San Diego County Department of Environmental Health.

Supplemental response:

To further address DR 59 and DR 60, the Project Owner provides a Soil Management Plan to be implemented in conjunction with the Conditions of Certification Waste Management WASTE-1 through and WASTE-4 to ensure that contaminated soil does not affect the public. In addition, the Project Owner has prepared a Phase I Environmental Site Assessment (ESA) report that accounts for investigation and assessment that has taken place since 2007. Knowledge of site history and Recognized Environmental Conditions (RECs) onsite will assist with remedial planning for future assessment under San Diego County Department of Environmental Health (DEH) oversight. A Soil Management Plan is included as Attachment DR59-1 and the Phase I is included as Attachment DR59-2.

DATA REQUEST

60. Please explain how the project owner would demonstrate that human health, water resources, and the environment are adequately protected once the tanks and the Encina Power Station are demolished, without a subsurface site characterization and/or soil remediation immediately following demolition of these facilities.

Supplemental response:

Detailed information on proposed mitigation methods including, but not limited to, removal and disposal, in-situ remediation, surface barriers, monitoring wells, signage, and other related environmental safeguards is included in the Soil Management Plan (Attachment DR59-1) and the Phase I (Attachment DR59-2).

Δ	ttachment DR59-1
Soil	Management Plan

DRAFT TECHNICAL DOCUMENT

SOIL MANAGEMENT PLAN FOR GROUND DISTURBANCE ACTIVITIES

Encina Power Station 4600 Carlsbad Boulevard, Carlsbad, California

October 17, 2014

Prepared For: Carlsbad Energy Center LLC 5790 Fleet Street, Suite 200 Carlsbad, CA 92008

Prepared By:



1962 Freeman Avenue Signal Hill, California 90755

No. 7353

OF CAL!

DATE: 10-17-14

Christopher S. Seipel, CHG 823, P.G. 7353, expires 12/31/15

Senior Hydrogeologist

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1. INTRODUCTION

The Source Group, Inc. (SGI) has developed this Soil Management Plan (Plan) for the Carlsbad Energy Center LLC (Project Owner) for redevelopment activities at the Encina Power Station (EPS) located at 4600 Carlsbad Boulevard, Carlsbad, California. The Project Owner has received a license from the California Energy Commission (CEC) to redevelop 23-acres of land within the 95-acre EPS facility. The redevelopment will consist of demolition and removal of aboveground storage tanks and ancillary equipment, remediation of impacted soils, and construction of natural-gas-fired generating facility and infrastructures, which will be a fast start, high-efficiency, combined-cycle facility that will support San Diego Gas & Electric (SDG&E) local load and provide overall system reliability.

The CEC Final Decision license 07-AFC-06 provides requirements for development in the Conditions of Certification (COCs) that the Project Owner must implement during construction. The COCs WASTE-1 through WASTE-4 are included in the Final Decision to ensure that contaminated soil does not affect the public.

In addition to the CEC license, the Project Owner will enter into the Voluntary Assistance Program (VAP) with the San Diego County Department of Environmental Health (DEH) for environmental oversight and closure reporting. CAL-EPA Site Designation Process allows one agency to act as the administering agency with the ability to issue a Certificate of Completion (HSC, section 25264). DEH is currently, and has historically, acted as the administering agency at the EPS for environmental impact assessments and cleanup actions. The VAP process with DEH will provide agency consultation, project oversight, and technical or environmental report evaluation and concurrence.

This Plan was developed to meet the following key objectives:

- Identify and safely excavate soils within project areas. Appropriately manage any soil identified with contamination concentrations above DEH approved screening or cleanup levels.
- Provide a framework for monitoring, sampling, reporting of excavation work, including large-scale soil excavation.
- Detail methods and procedures which will allow data generated by the soil management process to be integrated into the San Diego County VAP for cleanup and assessment of the site.

- Provide background on published and calculated soil screening levels.
- Fulfill the reporting requirements of the redevelopment project permit issued by the California Energy Commission that soils be evaluated for potential contamination and removed where levels of contamination are unacceptably high.

The Plan is intended to support site assessment, risk assessment and corrective actions that might be undertaken as part of the VAP process. In consultation with DEH, the Project Owner expects to integrate relevant data generated under this Plan into final assessment reporting which will be submitted at the conclusion of construction activities.

This Plan addresses only native and non-native (e.g., previously imported fill) soil and soil-like materials present at CECP. It is not intended for use in managing concrete, equipment and piping, liquids, sludge's, or other non-soil materials or wastes. All other waste streams generated during the demolition and redevelopment are managed under the project specific Waste Management Plan prepared by CH2MHILL in 2014.

Site Location

The CECP site is located in Carlsbad, San Diego County, California (Figures 1 and 2). The site address is 4600 Carlsbad Blvd., Carlsbad, California 92008. The CECP site is part of the approximately 95-acre EPS located in Township 12 South, Range 4 West, Section 7, in San Diego County. Elevation of the site is approximately 50 feet above mean sea level. The CECP site is located within the northeastern portion of the existing EPS, which is bordered to the east by Interstate 5, to the south by the SDG&E switchyard, to the west by the Pacific Ocean, and to the north by the Agua Hedionda Lagoon. An existing railroad line is located adjacent to the site to the west. The predominant land use in the vicinity of the site is mainly industrial. Residential, commercial, and open space land uses are also situated nearby.

The nearest significant natural habitat areas are the Pacific Ocean, approximately 0.3 mile west of the CECP site, and Agua Hedionda Lagoon, approximately 0.1 mile north and east of the CECP site, on the opposite side of Interstate 5 (CEC, 2012).

Site History

Construction of the EPS Unit 1-3 began in 1952 with operation of three power generation units beginning in 1954. Units 4 began construction in 1972 and Unit 5 was commissioned in 1978, respectively (FDGTI, 1998b). Initially, the power plant used three ASTs west of the North County Transit District rail line for fuel oil storage. Four additional ASTs were constructed between 1971 and 1977 east of the rail line for fuel storage to support Units 4 and 5. There are currently a total of five steam power

generation units at the site totaling approximately 950 megawatts (MW). Prior to 1984, they were primarily fueled by No.6 fuel oil (FDGTI, 1998a). Natural gas has been the primary fuel used since 1984. An approximate 17-megawatt (MW) gas turbine unit is located to the northeast of the main power plant. The gas turbine is designed to operate in peak demand periods and is primarily fired with natural gas, but can also operate on No.2 diesel oil (FDGTI, 1998a). The No.2 diesel oil had been available to the gas turbine via underground pipelines from three horizontal ASTs. Tanker trucks would supply the No.2 diesel oil to these three ASTs. These horizontal ASTs have since been removed and therefore No.2 diesel oil would need to be provided via temporary storage tank(s) and connections to the 17 MW unit, if necessary, as backup if natural gas service to that unit is interrupted.

The fuel oil ASTs and storage capacity was maintained on site per California Independent System Operator (Cal ISO) backup fuel requirements. The Cal ISO removed the fuel oil storage requirement in 2010. Since the requirement for reserve fuel oil storage no longer applies to the facility the storage tanks can be decommissioned and removed from the site. Fuel oil AST number three (3) was removed from service in 2013 for construction of the Poseidon desalinization plant. Six ASTs remain at the site (tanks 1, 2, 4, 5, 6, and 7).

The fuel oil piping system is no longer in operation and significant parts of the system have been removed (E2 ManageTech, 2014). A 425-gallon pump pit slop fuel oil tank is located in the pump pit west of Tank 5 (E2 ManageTech, 2014). A complete description of the current storage locations for oil at EPS are described in detail in the SPCC Plan (E2 ManageTech, 2014).

Summary of Investigations

Various site assessments have been performed at the EPS dating back to at least 1995. The following paragraphs discuss findings from these assessments in subject Site area.

- Dudek Engineering conducted assessment and reporting in 1995.
- Groundwater Technology, Inc., (GTI) conducted a Phase I Environmental Site Assessment in 1998.
- A Phase II Environmental Site Assessment was conducted by Groundwater Technologies, Inc., (GTI) in 1998.
- GTI conducted a Supplemental Phase II Environmental Assessment in 1999.
- Haley and Aldrich conducted site assessment, remediation and closure reporting in 2004.
- RBF Consulting conducted a Phase I Environmental Site Assessment in 2006.

- CH2MHILL conducted a Phase I Environmental Assessment in 2007.
- E2 Management Tech conducted a Focused Site Investigation in 2011 and 2012 at Unit 5 transformer.
- Rincon, on behalf of Poseidon, conducted assessment, remediation, and reporting in 2013 and 2014.

Previous Soil Remediation

Previous remedial actions have been enacted at the EPS over the past 30 years related to either uncontrolled releases of petroleum hydrocarbons, or closure of industrial process equipment. The CECP proposes to redevelop the AST basin areas. Based on the history of the AST areas and main power block it can be expected that residual contaminated soils will be encountered below grade. The following summary is of Controlled Recognized Environmental Conditions (CRECs - past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority) and Recognized Environmental Condition (RECs - 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) documented on the site in the 2014 Phase 1 prepared by SGI:

CRECs at the site include the three closed VAP cases (H13941-001, -002, and -003), which include assessment and remediation of a number of locations on the site including:

- Former diesel UST (closed VAP H13941-003).
- Tank 7 remediation.
- Excavation north of Tank 1.
- Prout's Pond.

By definition, RECs at the site include the two open VAP cases (H13941-004 and -005), which include assessment and remediation of a number of areas on the site including:

- Excavation within the desalination plant footprint where remediation is essentially complete and awaiting agency closure (VAP H13941-004). This area includes the locations of the following former structures: cutter oil tank, Tank 3, three diesel ASTs, and wastewater treatment system (WWTS).
- Excavation outside of the desalination plant (where additional areas with diesel-containing soils are being defined, excavated, and monitored) (VAP H13941-004).

- Excavation outside of the desalination plant (where additional areas with dieselcontaining soils are being defined, excavated, and monitored) (VAP H13941-004).
- Transformer release in 2011/2012 in the area of power block Unit 5, (VAP H13941-005).

Other RECs at the site related to below grade conditions include the following areas:

- Former military reservation in southwest part of the site (circa later 1940's): This area has not been investigated for issues specifically associated with former military use and likely lies beneath power block Units 1 thru 5.
- Former rubber plant in southwest part of the site (after 1949): This area has not been investigated for issues specifically associated with former operations and likely lies beneath power block Units 1 thru 5.
- Power Block: Assessment in this area is incomplete due to the presence of active equipment in the area of concern (including Unit 5).
- Switchyard with PCB bushings.
- Tanks 1 & 2 (West Tank Farm): Removal of tank contents and oil-containing sand layer beneath tanks anticipated in the future.
- Tanks 4, 5 and 6 (East Tank Farm): Removal of tank contents and oil-containing sand layer beneath tanks anticipated in the future.
- Tank 7 (East Tank Farm): An estimated 12 cubic yards (cy) of hydrocarbon impact soil remains in place under an aboveground pipeline and 4 cubic yards of soil remain under concrete-lined v-ditch. Removal of the tank and an oil-containing sand layer beneath Tank 7 are scheduled as part of the associated demolition and construction activities for CECP, which is planned to occur late 2014 through 2015.

AST Tank Bottom Design

The ASTs were constructed on top of a six-inch thick, oil impregnated sand cushion that is surrounded by a reinforced concrete ring foundation below grade. The ring foundation supports the tank walls. The oil impregnated sand cushion is comprised of No.2 fuel oil thoroughly mixed with sand at a rate of 22 gallons per cubic yard of sand (PSE, 1970).

2. ACTIVITIES REQUIRING SPECIAL PROCEDURES AND HAZARD COMMUNICATION

Ground disturbance activities will be required for the construction of the CECP generating units and ancillary equipment, including below grade utility locations. Ground disturbance in known contamination areas and areas where contaminated soils are identified will require special procedures. Prior to work activities for non-emergency excavation work, the DEH will be notified in advance of subsurface activities. In the case of an emergency, where the work is required to maintain power plant operation, work may proceed and DEH notification would follow.

Workers involved in excavating soil in any of the areas defined as an CREC or REC, past or present hazardous materials storage areas will be informed of the following:

- Excavation may expose soils containing petroleum hydrocarbons (TPH) throughout the site; volatile organic constituents (VOCs) and semi-volatile organic constituents (SVOCs) or polynuclear aromatics (PNAs) potentially co-located with TPH; and heavy metals including arsenic, nickel, and vanadium associated with heavy fuels.
- Known releases of metals from the wastewater treatment plant area have been found in soil.
- Excavated soil that is discolored (gray, black, green, or red) and/or has a petroleum odor will be managed as potentially impacted above DEH action levels until laboratory testing is completed.
- Any soil within previously identified release area or CREC or REC area will require
 prior characterization to assess soil management requirements. Such REC areas
 may include fuel oil, hydraulic oil, and wastewater pipelines; sumps; hazardous
 materials and waste storage and accumulation areas; solvent-usage areas; paint and
 sand blasting booths; transformer areas; aboveground petroleum storage tanks (fuel
 oil and lube oil); and former UST area.

3. MONITORING AND REPORTING

Per COC WASTE-4, the designated professional engineer or geologist (see WASTE-3) shall be available for consultation during site characterization, demolition, excavation, and grading activities. Per COC WASTE-4 if potentially contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities, as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the professional engineer or professional geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, authorized representatives of Department of Toxic Substances Control (DTSC), the SDCDEH, and the CPM stating the recommended course of action.

Depending on the nature and extent of contamination, the professional engineer or professional geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. If, in the opinion of the professional engineer or professional geologist, significant remediation may be required, the project owner shall contact the authorized representatives of DTSC, the SDCDEH, and the CPM for guidance and possible oversight.

Reporting

Per COC WASTE-4 verification the Project Owner shall submit any final reports filed by the professional engineer or professional geologist to the authorized representatives of DTSC, the SDCDEH, and the CPM for approval within 5 days of their receipt. The project owner shall notify the CPM within 24 hours of any orders issued to halt construction.

4. EXCAVATED SOIL HANDLING

PPE Measures

Based on the review of previous investigation reports, no special personal protective equipment (PPE) measures are needed. Level D is believed to be adequate during investigations and implementation of soil management guidelines during the site investigation, remediation, and construction activities. Requirements and site conditions to which the PPE may be upgraded should be based on consultation with the Construction Safety Supervisor (CSS), Project Manager and EPS site safety officer. A site specific health and safety manual should be consulted for the proper level of PPE. A job hazard analysis (JHA) should also be prepared prior to soil sampling and soil management during ground disturbance activities.

Soil Storage & Handling

Based on the numerous soils investigations previously conducted at the site, typical soil is brown to light brown, moist sand. If darkly discolored or oily-appearing soil is encountered, at a minimum, soil should be stockpiled on an impermeable material, such as visqueen, and located away from drainage swales, wherever possible, until tested. The stockpiled material should also be protected with an impermeable cover and bermed to ensure control of the material until it has been adequately characterized. Alternatively, the material can be stored on site in chemically compatible Department of Transportation (DOT)-approved 55-gallon drums and 20 or 40 yard soil bins, provided that drums and soil bins are properly marked and labeled. In addition, any soil excavated from the site must be stored in protected areas in accordance with Storm Water Pollution Prevention Plan (Construction or Industrial SWPPP).

Construction debris including asphalt, concrete, and piping should be separated from all excavated soils.

5. SOIL TESTING

Excavated soils will be inspected for potential contamination before off-site disposal or for use as suitable backfill material. Following are guidelines for soil testing. Remediation contractor will be required to prepare a Sampling and Analysis Plan (SAP) with detailed the sampling and analytical procedures.

It is important to know the source location of soil to be excavated, reused, or imported to the site, and the current and former land use of that location before ground disturbing activities occur. Excavations carried out in REC or former REC locations will follow the VAP application for the associated site area.

For soil excavated outside any known or active REC area and suspected of possible contamination based on visual observations or odors the soils from areas shall be tested, at a minimum, for the following

- TPH-carbon chain C6-C36 by EPA Method 8015B;
- VOCs, including BTEX/MTBE/oxygenates, by EPA Method 8260B;
- Soil pH by EPA 9045D; and
- CCR Title 22 metals by EPA Method 6010B/7471A.

These tests should be performed on all soil proposed for offsite disposal (e.g., surplus soil from grading cut operations) at a minimum frequency of one sample every 1,000 cubic yards or per the requirements of the receiving facility.

If the total concentrations of any of metals in a given soil sample exceed 10 times the Soluble Threshold Limit Concentration (STLC), or 20 times the Total Concentration Leachable Potential (TCLP), the sample in question will be further tested for leachable concentrations.

6. POST-EXCAVATION SOIL MANAGEMENT

Soils should be managed on site, at minimum, by the following soils handling procedures. Soils may be managed by the project-specific Waste Management Plan (CECP, 2014) granted that the minimum testing, profiling, and manifesting procedures presented in this SMP are followed.

Non-hazardous Soil

Excavated soil deemed non-hazardous by analytical testing for the above noted analytes, and below screening thresholds shown in Table 1 may be returned to the excavation, securely stored on-site for potential reuse as backfill material or transported to a municipal Class III landfill.

Hazardous Soil

Excavated soil exceeding the hazardous threshold for the chemical parameters listed in Section 4.0, must be handled in accordance with current state and federal hazardous waste laws. The material must be stored in appropriate containers or stockpiled on-site not to exceed 90 days. It must be properly manifested, utilizing a State of California DTSC Uniform Hazardous Waste Manifest and transported off-site by a licensed hazardous waste transporter to an appropriate licensed treatment or Class I disposal facility.

Soil Screening Criteria

Potential options for handling of excavated soils on site are: (1) on-site reuse during routine operational and project trenching and excavations, (2) off-site soil recycling or off-site disposal at a Class III facility, and (3) off-site disposal at Class I hazardous waste facility. These options are dependent on the results of analytical testing, and approval of site-specific cleanup criteria by CECP and the lead regulatory agency. Soil screening criteria are provided in Table 1 to assist with documenting soil conditions in excavation areas and import soil quality to be used as fill or backfill.

If any single contaminant concentration in soil exceeds a screening limit listed in Table 1 then the soil **cannot** be reused and must be placed in containers or stockpiled, and prepared for shipment offsite. All waste material including construction debris, non-hazardous, and hazardous wastes must be profiled and manifested. The facility Environmental Specialist must sign all manifests prior to shipment off site.

Screening criteria for sites with impacted soil and groundwater are provided by CalEPA's guidance document "Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties", typical waste threshold criteria established by California Code of Regulations (CCR) Title 22, and by the previously established cleanup goals approved by the DEH in 2013 based site specific characteristics and modeling with the County of San Diego Site Assessment and Mitigation Vapor Risk Assessment Model. These screening criteria, in general, do not consider certain potential issues related to re-use such as erosion or proximity to sensitive habitat. The reuse of impacted soil should be considered on a case-by-case basis. The use of screening criteria in Table 1 cannot be assumed to be cleanup or action levels and should not be misconstrued that no additional sampling will be required at the site.

The screening level for gasoline, middle distillates, and residual range hydrocarbons are provided in Table 1. Although the screening levels are considered conservative and these criteria should be considered guidance until approved on a case by case basis or approved by the regulatory agency.

Furthermore, soil samples used for waste profiling will be compared to Total Threshold Limit Concentrations (TTLC) and Soluble Threshold Limit Concentration (STLC) as described in CCR Title 22 Section 666261.20. Soil that is less than TTLC screening criteria, but greater than 10 times STLC limits or 20 times the TCLP limit will be further analyzed using the Waste Extraction Test (WET), or EPA 1311 extraction method, respectively. If the result of the WET test is greater than the STCL limits, then the soil will be considered a California Hazardous Waste, and soil would be disposed of at a Class I facility. If the soil exceeds the TCLP limit then the soil must be profiled as a RCRA hazardous waste, and will require special handling and profiling.

Backfill Material Sampling

Excavations will be backfilled using excavated native soil material. However, in some instances, certified-clean imported fill material may be obtained from a local sand gravel quarry. If the locally obtained material is not pre-certified clean, samples will be collected from each imported material source prior to use. The California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) Information Advisory for Clean Imported Fill Material (DTSC, 2001) will be used as a guidance document to determine the sampling frequency, and analysis in the event that the quarry is unable to provide a certificate of analysis for the backfill material. If needed, all backfill material samples will be analyzed for the chemical parameters listed in Section 5.0 depending on the location. In addition, a current certificate should be

obtained from the quarry providing material to ensure that the material does not contain asbestos. If the facility cannot provide a certificate, then asbestos determination will be required.

Results from field screening of borrow site material should be evaluated against the same screening criteria above. Any detection of asbestos would deem the material unsuitable for use on the CECP facility.

7. References

California Code of Regulations (CCR), 2003, Title 22, Division 4, Chapter 11, Article 3, Section 66261.20: Characteristics of Hazardous Waste, September.

CCR, Title 22 Chapter 11, Article 5 Categories of Hazardous Waste, Section 66261.113; Total Threshold Limit Concentration Values of Persistent and Bioaccumulative Toxic Substances in Extremely Hazardous Wastes. http://www.dtsc.ca.gov/LawsRegsPolicies/Title22/OEARA_REG_Title22_Ch11.cfm

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San Diego Department of Environmental Health, 2004. San Diego County Site Assessment and Mitigation Manual (SAM Manual), February.

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U.S. EPA, 1986, EPA Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846. Third Edition and Final Updates.



Table 1 Soil Screening Criteria Soil Management Plan Carlsbad Energy Center Project

Carlsbad, California

	Final
Chemical	Soil Screening Level
Metals (mg/kg)	
Antimony	380
Arsenic	6*
Barium	1000
Beryllium	8
Cadmium	6.4
Chromium, total ⁷	50
Cobalt	350
Copper	250
Lead	320
Molybdenum	3500
Nickel	200
Selenium	10
Silver	4800
Thallium	12
Vanadium	5800
Zinc	2500
Mercury	2
Polycyclic Biphenyl's (PCBs) (mg/kg)	
Aroclor-1016	0.30
Aroclor-1221	0.30
Aroclor-1232	0.30
Aroclor-1242	0.30
Aroclor-1248	0.30
Aroclor-1254	0.30
Aroclor-1260	0.30
Aroclor-5460	0.30
Aroclor-1262	0.30
Volatile Organic Compounds (ug/kg)	
Benzene	5.1
Toluene	47000
Ethylbenzene	25
p/m-Xylene	2400
o-Xylene	2800
Methyl tert-butyl ether	210
Tetrachloroethene(PCE)	100
Trichloroethene (TCE)	6
All other VOCs	Case by Case
Semi-Volatile Organic Compounds (mg/kg)	
Benzo(a)Pyrene	0.13
Naphthalene	17

Table 1 Soil Screening Criteria Soil Management Plan Carlsbad Energy Center Project

Carlsbad, California

	Final
Chemical	Soil Screening Level
Total Petroleum Hydrocarbons (mg/kg)	
TPH as Gasoline (C4 - C12)	NA
Low Aliphatic (C5-C8)	580
Low Aromatic (C6-C8)	420
TPH as Diesel (C13- C22)	NA
Medium Aliphatic (C9-C18)	440
Medium Aromatic (C9-C16)	600
TPH as Motor Oil (C23 - C32)	NA
High Aliphatic (C19-C32) ⁸	1000
High Aromatic (C17-C32) ⁸	1000
Reactivity pH	>6 and <9

Notes:

mg/kg = milligram per kilogram.

mg/L= milligram per liter.

NA = not available.

Regular Font = Title 22 Waste TTLC Threshold or "other" regulatory screening level

BOLD = Human Health Risk Based

#* = Based on site specific background data average value.

References:

CalEPA. 2010. California Human Health Screening Levels (CHHSLs) for Soil. Office of Environmental Health Hazard Assessment (OEHHA). September 23.

CalEPA. 2014. Human Health Risk Assessment (HHRA) Note Number 3, DTSC Recommended Methodology for use of U.S. EPA Regional Screening Levels (RSLs) in the Human Health

Risk Assessment Process at Hazardous Waste Sites and Permitted Facilities. Department of Toxic Substances Control (DTSC). July 14.

USEPA. 2014. Regional Screening Levels for Chemical Contaminants at Superfund Sites. May 2014.

¹ Human health screening level represents the lowest of available soil screening levels for commercial/industrial land use from CalEPA (2010 and 2014) and USEPA (2014).

² Hazardous waste classification criteria are used to classify waste as hazardous or non-hazardous waste.

³ Soluble Threshold Limit Concentration (STLC) extraction is used to determine whether certain leachable compounds are present in large enough amounts in a given material that the material needs to be dealt with as hazardous waste.

⁴ If you have a solid sample analyzed for metals (TTLC) you must do a STLC for those metals that are 10 times or greater than the STLC limit.

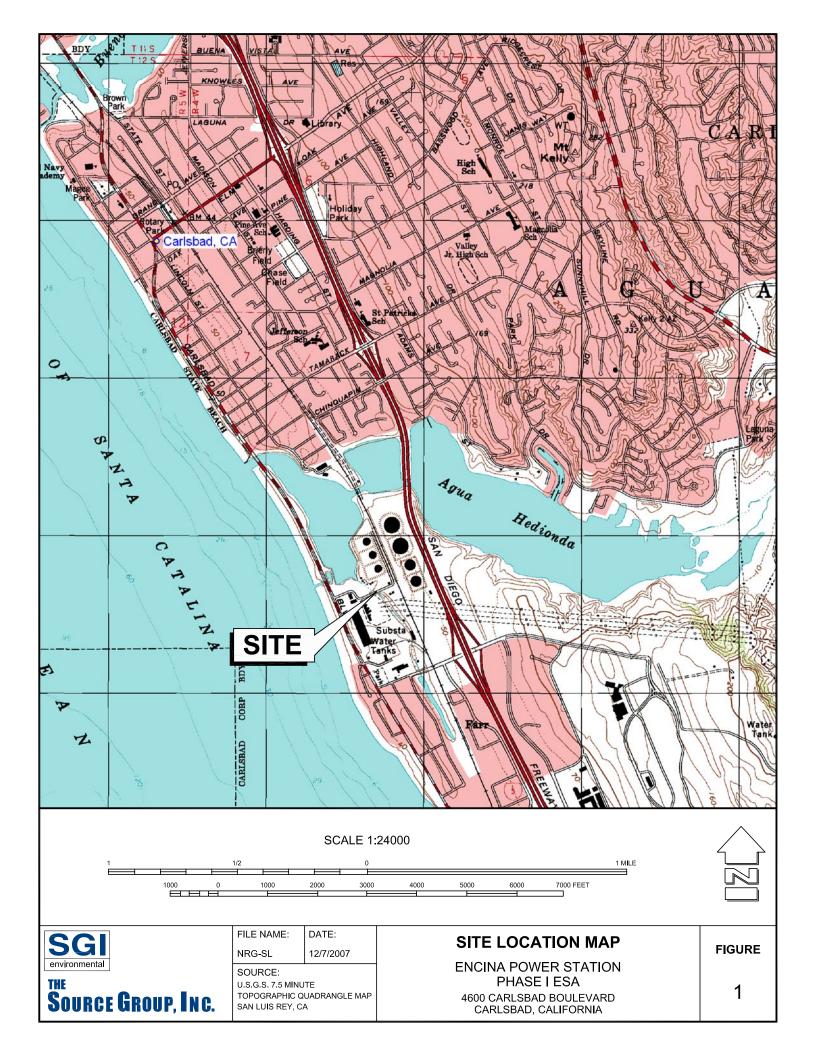
⁵ Metals results are normally expressed for solid samples as a total threshold limit concentration (TTLC).

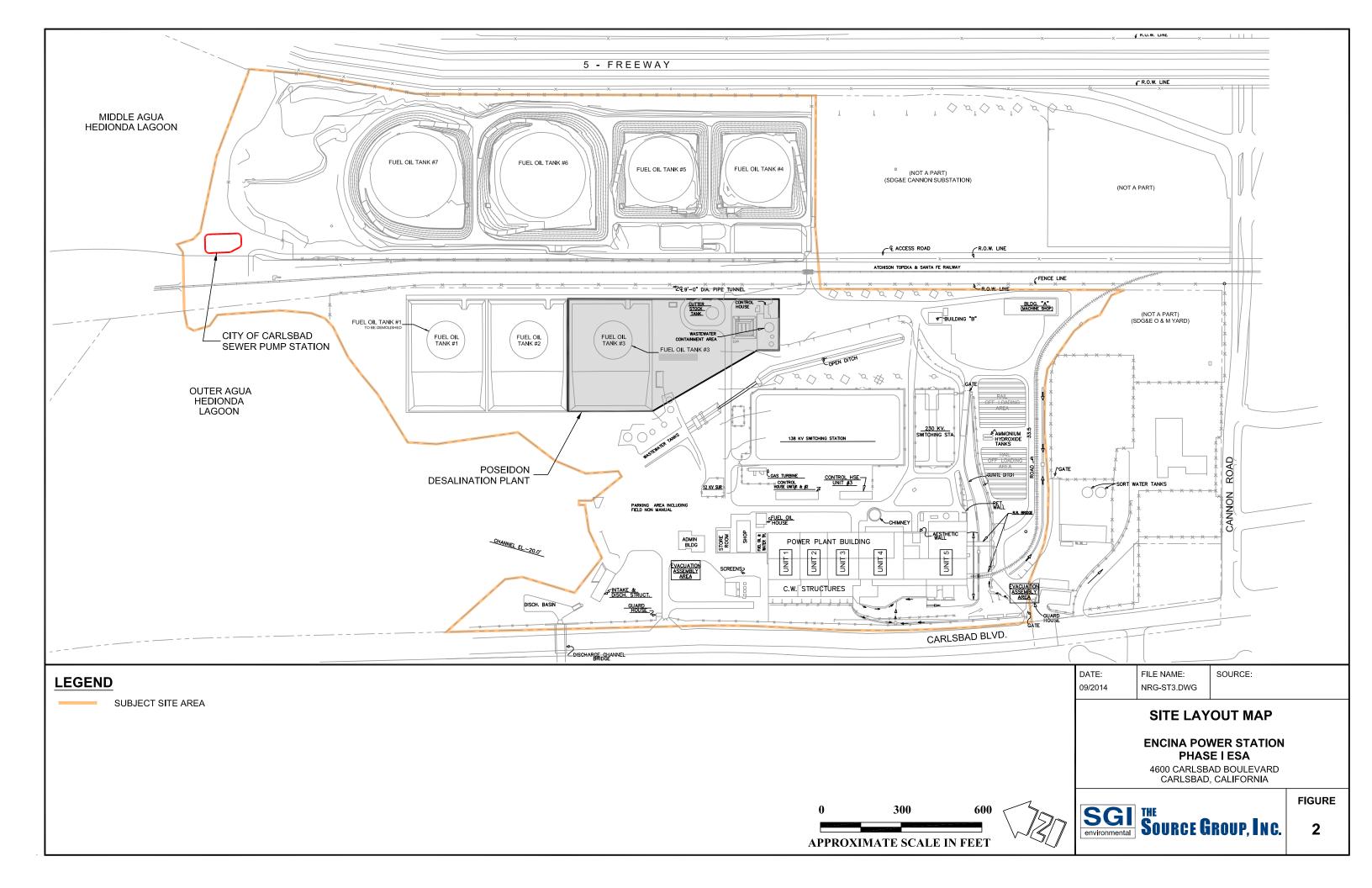
⁶ If the soluble chromium, as determined by the TCLP, is less than 5 mg/L, and the soluble chromium equals or exceeds 560 mg/L and the waste is not otherwise identified as a RCRA hazardous waste, then the waste is a non-RCRA hazardous waste.

⁷ Values for total chromium are based on chromium III values.

⁸ Based on Table 5-8 from San Diego County SAM Manual, Section 5.







At	ttachn	nent I	DR59-2
Phase	I Site	ESA	Report

PHASE I SITE ESA REPORT **ENCINA POWER STATION** 4600 Carlsbad Boulevard Carlsbad, CA 92008 (APN 210-01-46)

Project Number: 04-NRG-046

Prepared For:

Carlsbad Energy Center LLC 4600 Carlsbad Boulevard Carlsbad, CA 92008

Prepared By:



1962 Freeman Avenue Long Beach, CA 90755

CHRISTO CHRIST October 17, 2014

SEIPEL No. 7353

Exp. 12/31/15

OF CALIFORN

DATE: 10-17-14

Christopher S. Seipel, CHG 823,

P.G. 7353, expires 12/31/15

Senior Hydrogeologist

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LIST OF ABBREVIATED TERMS

ACBM Asbestos-Containing Building Material

AFC Application for Certification APN Assessor Parcel Number AST Aboveground Storage Tank

ASTM American Society for Testing and Materials AT&SF Atchison, Topeka, and Santa Fe railway

AUL Activity Use Limitation

bg below grade

BHRA Baseline Health Risk Assessment

BTEX Benzene, toluene, ethylbenzene, and xylene

CECP Carlsbad Energy Center Project

CORRACTS RCRA Corrective Action Sites (see RCRA)

COC Chemicals of Concern

CREC Controlled Recognized Environmental Condition

DEH Department of Environmental Health (San Diego County)

DTSC Department of Toxic Substances Control EDR Environmental Data Resources, Inc.

EP Environmental Professional EPS Encina Power Station

ERNS Emergency Response Notification System

ESA Environmental Site Assessment EWT Extended Waste Treatment

FDGTI Fluor Daniel GTI

FEMA Federal Emergency Management Agency
HMMD Hazardous Materials Management Division

kV kilovolt

LBP Lead-Based Paint

LUST Leaking Underground Storage Tank

LVW low-volume wastewater

LVWTF Low Volume Wastewater Treatment Facility

MCL maximum contaminant level
MCW Metal-Cleaning Wastewater
mg/kg milligram per kilogram
mg/l milligram per liter

MOU Memorandum of Understanding

msl mean sea level NFA No Further Action

NFRAP No Further Remedial Action Planned

NPDES National Pollution Discharge Elimination System

NRC National Response Center
OES Office of Emergency Services
O&M Operation and Maintenance
PAHs Polycyclic Aromatic Hydrocarbons

PCBs Polychlorinated Biphenyls

ppm parts per million

PRG Preliminary Remediation Goal (of USEPA Region 9)

RCRA Resource Conservation and Recovery Act

REC Recognized Environmental Condition
RWQCB Regional Water Quality Control Board
SAM Site Assessment and Mitigation program

SDG&E San Diego Gas and Electric

SLIC Spills, Leaks, Investigations, and Cleanups

SPCC Spill Prevention, Countermeasure and Contingency

SVOC Semi-Volatile Organic Compound SWMU Solid Waste Management Unit

SWPPP Storm Water Pollution Prevention Plan

TDS Total Dissolved Solids

TEH Total Extractable Hydrocarbons
TPH Total Petroleum Hydrocarbon

TPH-d TPH as Diesel TPH-g TPH as Gasoline

TPH-o TPH as Oil (e.g. heavy oil such as transformer oil)
TRPH Total Recoverable Petroleum Hydrocarbons
TSD Treatment, Storage and Disposal Facility

ug/L Micrograms per Liter

USEPA United States Environmental Protection Agency

UST Underground Storage Tank
VAP Voluntary Assistance Program
VOC Volatile Organic Compound
WWTF Wastewater Treatment Facility
WWTP Wastewater Treatment Plant

EXECUTIVE SUMMARY

Carlsbad Energy Center LLC retained the Source Group, Inc. to perform a Phase I Environmental Site Assessment for the Encina Power Station (EPS) property located at 4600 Carlsbad Boulevard, Carlsbad, California (APN 210-01-46). The purpose of this assessment was to evaluate the parcel's environmental condition and assess the likelihood of existing contamination. The Phase I assessment includes evaluation of contamination as a result of past or present site use or as a result of activities associated with nearby properties. This Phase I was prepared in compliance with the All Appropriate Inquiries Final Rule (40 CFR Part 312) of the United States Environmental Agency (USEPA) and the ASTM-E1527-13 standard.

The scope of services included a site visit, site photographs, reviewing historic site documents, ordering and reviewing reports from Environmental Data Resources (EDR), and preparation of a draft and final Phase I report. Contacting public agencies for information was not included in the current work scope.

The site consists of an irregularly shaped parcel that is primarily used for EPS operations and construction of the Carlsbad Desalination Project. The site includes multiple buildings and associated equipment, pavement, and limited landscaping. Prior to development of the site for EPS, the site was used as agricultural fields and the southwestern part of the property was used as a military reservation and later for rubber plant operations. Since the development of EPS beginning in 1952, the site has largely been used for power station operations. More recently, parts of the site have been used for a sanitary sewer system lift station and for construction of a desalination plant.

The adjacent properties consist of Agua Hedionda Lagoon to the north, Interstate 5 to the northeast, SDG&E Cannon Substation to the southeast, restaurant and hotel operations further to the southeast, SDG&E Operations & Maintenance Yard to the south, and Carlsbad Boulevard to the west. The beach and the Pacific Ocean lie further to the west, across Carlsbad Boulevard.

The site has undergone a number of environmental assessments and remediation activities since the 1990s. Two environmental investigations (VAP cases) are currently open for the site, and ongoing assessment and remediation activities are monitored by the San Diego County Department of Environmental Health (DEH) as the lead regulatory agency. A number of decommissioning activities are planned for both of the East and West Tank Farms and associated oil handling equipment. Soil management plans for the tank demolition and remediation activities are in preparation. Hazardous and regulated substances are used, stored, and disposed of from the site. Aboveground storage tanks (ASTs), power generating equipment, and associated pipelines and other structures are present on site. Historically, underground storage tanks were also present on site. Cesspools and septic tanks were not historically present on the site.

Several controlled recognized environmental conditions (CRECs) and recognized environmental conditions (RECs) have been identified at the site. RECs at the site that were previously addressed

by remediation are considered to be CRECs due to the use of site-specific and industrial clean up goals for the site rather than residential clean up goals. CRECs at the site include the three closed VAP cases (H13941-001, -002, and -003), which include assessment and remediation of a number of locations on the site including:

- Former diesel UST (closed VAP H13941-003)
- Tank 7 remediation
- Excavation north of Tank 1
- Prout's Pond

By definition, RECs at the site include the two open VAP cases (H13941-004 and -005), which include assessment and remediation of a number of areas on the site including:

- Excavation within the desalination plant footprint where remediation is essentially complete and awaiting agency closure (VAP H13941-004).
- Excavation outside of the desalination plant footprint (VAP H13941-004).
- Transformer release in 2011/2012 in the area of power block Unit 5, (VAP H13941-005).

Additional RECs at the site include the following areas:

- <u>Power Plant Building</u> Assessment in this area is incomplete due to the presence of active equipment in the area of concern (including Unit 5). The former military reservation and the former rubber plant also occupied this part of the site.
- Switchyard with PCB bushings.
- <u>Tanks 1 & 2</u> (West Tank Farm).
- Tanks 4, 5 and 6 (East Tank Farm).
- Tank 7 (East Tank Farm).

Other RECs include asbestos-containing building materials and lead-based paint, which have been identified and are managed by EPS staff. Other issues of concern include PCB-containing light ballasts and older electrical equipment, and potential radioactive manmade materials; however, these issues have been identified and are managed by EPS staff. PCBs have historically been removed from the EPS transformers. PCBs may be present in bushings within the SDG&E switchyards. Radon does not appear to be a significant issue of concern for the site.

The site appears on numerous environmental databases due to historic site activities, and current site conditions. The site remains under the regulatory guidance of the DEH for site assessment, remediation, and monitoring.

Two data gaps have been identified for the site; however, SGI believes that the most significant potential sources for on-site contamination have been identified during the current investigation. While these data gaps represent unknowns regarding environmental site conditions, the current investigation has established that a number of CRECs and RECs exist at EPS. The full extent of suspected contamination beneath the site in areas with structures and/or equipment, such as the vicinity of the power block, has not been defined at the site.

Based on the data presented in this report, a vapor encroachment condition (VEC) cannot be ruled out for the site. However in our professional opinion, it is unlikely that a significant VEC exists at the site.

SGI recommends that the client continue performing investigations and clean up activities as parts of the site are redeveloped and as older structures and equipment are removed from the site. SGI also recommends that the client continue to manage identified hazardous and regulated substances in accordance with applicable laws and regulations. These substances include chemicals used by power plant operations, residual fuels in ASTs and associated piping, hazardous and regulated wastes, ACBM, LBP, and PCBs.

1.0 INTRODUCTION

Carlsbad Energy Center LLC retained the Source Group, Inc. to perform a Phase I Environmental Site Assessment for Encina Power Station property located at 4600 Carlsbad Boulevard, Carlsbad, California (APN 210-01-46) (Figures 1 and 2). The purpose of this assessment was to evaluate the parcel's environmental condition and assess the likelihood of existing contamination. The Phase I assessment includes evaluation of contamination as a result of past or present site use or as a result of activities associated with nearby properties. This Phase I was prepared in compliance with the All Appropriate Inquiries Final Rule (40 CFR Part 312) of the United States Environmental Agency (USEPA) and the ASTM-E1527-13 standard. This report presents assessment findings per our contract with Carlsbad Energy Center LLC dated September 8, 2014.

2.0 SCOPE OF SERVICES

The scope of services included a site visit, site photographs, contacting public agencies for information and obtaining/reviewing pertinent information from the city fire and building departments, ordering and reviewing reports from Environmental Data Resources (EDR), and preparation of a draft and final Phase I report. The final Phase I report was to be signed by a California Registered Professional Geologist. This work scope considers the potential for vapor intrusion in evaluating possible Recognized Environmental Conditions ("RECs"); however, no survey of vapor intrusion was performed.

3.0 GEOLOGY AND HYDROGEOLOGY

3.1 Regional Geology and Hydrogeology

The EPS is located inland of the Pacific Ocean on the coastal plain of the Peninsular Ranges physiographic province of southern California. The province contains minor Jurassic and extensive Cretaceous igneous rocks primarily as a result of Nevadan plutonism and contains roof rocks that establish continuity of the pre-Nevadan history of the Sierra Nevada (Norris and Webb, 1990). The coastal plain is characterized by sedimentary sequences of terrestrial and marine sediments deposited during the last 54 million years (Cenozoic age). Structural geology of southern California is dominated by San Andreas fault system, a right-lateral strike-slip fault marking the principal boundary between the Pacific and the North American tectonic plates.

The Site is located in the Los Monos Hydrologic Subarea 904.31 in the Agua Hedionda Hydrologic Area 904.30 within the Carlsbad Hydrologic Unit 904.00 as defined by the San Diego Regional Water Quality Control Board (SDRWQCB) Basin Plan. The Aqua Hedionda Hydrologic Area is flanked by the Encinas Hydrologic Area to the south and the Buena Vista Creek Hydrologic Area to the north. The EPS area groundwater is listed as having beneficial uses for agricultural and industrial use; however, it is specifically exempted for use a municipal or domestic supply (Basin Plan, Table 2-5, SDRWQCB, 2011). Regionally the groundwater basins discharge to the Pacific Ocean.

3.2 Site-Specific Soil and Groundwater Conditions

The EPS is located immediately east of Carlsbad State Beach. The geology in the area consists of recent sediments, which include sand, silt, and clay overlain by Eocene- and Pleistocene-age clay, and silt and sand from marine and lagoon sediments. The area along what is now a ditch-and-culvert system in the former slough area has been overlain by up to 40 feet of fill. The fill extends across the site to the south from Agua Hedionda Lagoon to the former location of the on-site diesel UST. Recent lagoonal deposits are present below the fill material in the former slough area and inter-fingered green claystone and sandstone are also present. The West Tank Farm and parking area to the north of the plant also contain fill material (Haley & Aldrich, 2004b).

The terrace deposits encountered at the EPS have been characterized as yellowish to reddish brown to olive gray and olive, weakly to moderately cemented, silty to poorly graded medium to fine sands (Haley & Aldrich, 2004b). The Santiago Formation encountered at the site has been characterized as predominantly light gray and light brown with shades of yellow and olive, interbedded, weakly to moderately cemented sandstone and siltstone. Previous geotechnical investigations performed at EPS describe the soil as predominantly fine- to medium-grained sand with some silt and clay (GeoLogic Associates, 2004). Geologic units at the site consist of Quaternary Artificially Compacted Fill, Quaternary Older Paralic deposits of mostly poorly sorted, moderately permeable, reddish-brown, interbeds of strandline, beach, estuarine and colluvial deposits composed of siltstone, sandstone, and conglomerate, and Santiago Formation (middle

Eocene) consisting of buff and brownish-gray, massive, coarse-grained, poorly sorted arkosic sandstone, and sandstone conglomerates.

The ground surface across EPS varies from mean sea level (MSL) to 55-feet above MSL. The East and West Tank Farms are located on marine terrace bluffs approximately 30- to 50-feet above mean sea level (msl) with each tank site situated in hydraulically isolated, graded berm areas with fairly flat topography at the bottom.

Groundwater beneath EPS has been designated as having non-beneficial use; however, Agua Hedionda Lagoon has been designated as having beneficial uses (Haley & Aldrich, 2004b). Groundwater levels fluctuate with seasonal and tidal influences. Historic groundwater levels in monitoring wells on the subject site have ranged from 14 feet below msl to 10 feet above msl (FDGTI, 1998a). Groundwater beneath EPS is generally brackish and flows down the topographical gradient towards Agua Hedionda Lagoon and the Pacific Ocean.

Recent environmental investigations have involved installation of groundwater monitoring wells in the vicinity of the desalination plant in the central part of the site (Rincon, 2013 and 2014). Depth to groundwater was measured on February 10, 2014, in groundwater monitoring wells MW-1 through MW-3. Groundwater was encountered between 29.7 and 31.75 feet below grade (bg) and was found to flow toward the north-northeast. Information on current groundwater quality in this vicinity is included in section 6.11.3.1 "Desalination Plant Investigation and Remediation: VAP H13941-004" of this report.

4.0 SITE DESCRIPTION AND OBSERVATIONS

The subject site consists of a single parcel (APN 210-01-46) that occupies approximately 95 acres (Figure 2). Agua Hedionda Lagoon lies adjacent to and north of the site. The site is primarily occupied by Encina Power Station (EPS) and the Carlsbad Desalination Project, which is currently under construction. The current assessor's parcel number, APN 210-01-46, was assigned in 2012. Previously, the subject site area was designated as former parcel numbers APN 210-01-41 and -43; however, APN 210-01-41 also included two areas outside of the current site, namely outer Agua Hedionda Lagoon and a portion of the beach which lies west of the site, across Carlsbad Boulevard. The site is zoned P-U for public utility (City of Carlsbad, 2014).

The site is bounded by Agua Hedionda Lagoon to the north, Interstate 5 to the east, San Diego Gas and Electric (SDG&E) properties to the south, and Carlsbad Boulevard to the west. The site is transected by the north-south trending North County Transit District rail line, which separates the East Tank Farm from the rest of the site. A commercial zone with restaurants and a hotel lie to the southeast, across the railroad tracks. The occupants of adjacent and nearby properties and city zoning designations are summarized in Table 1.

4.1 General Description of Encina Power Station Operations

The EPS has been in operation since 1954, when it began use under SDG&E. The adjacent SDG&E Cannon Substation and SDG&E Operations and Maintenance Yard (O&M Yard) to the south were formerly part of a common facility; however, when NRG acquired the EPS in 2000, the Cannon Substation and O&M Yard were separated from EPS. Historic site operations have involved using fuel oil and diesel for generation of electric power with natural gas for back up. In 1954, the Agua Hedionda Lagoon was dredged; however, the dredged materials were not placed on the site. In 1958, an offshore mooring was added for delivery of fuel oil to the West Tank Farm. The cutter oil tank was used to support the mooring process. Aboveground storage tanks (ASTs) and other structures have been added to the site at different times, and key site events are as follow:

- 1952: Construction begins on oil-burning steam-power generation plant
- 1954: Tanks 2 and 3 (West Tank Farm) built with power block Units 1 and 2
- 1954: SDG&E begins power plant operations
- 1955: Tank 1 (West Tank Farm) built with power block Unit 3
- 1958: Power block Unit 3 in service
- 1958: Offshore oil mooring built to deliver fuel to Tanks 1, 2 and 3 (West Tank Farm)
- 1968: Gas turbine in service
- 1971: Tank 5 (East Tank Farm) added
- 1973: Tank 6 (East Tank Farm) added and power block Unit 4 in service
- 1974: Tanks 4, 5 and 6 (East Tank Farm) used for power block Unit 4
- 1974: Wastewater system with retention basins for treated water installed
- 1977: Tank 7 (East Tank Farm) added with power block Unit 5
- 1978: Common unit chimney (CUC) added and power block Unit 5 in service

- 1978: Wastewater treatment system (WWTS) added for boiler water maintenance
- 1983: Removal of retention basins begins
- 1984: Facility begins converting from fuel oil to use of natural gas for power generation
- 1990: EPS begins solely using natural gas for power generation
- 1990: Tanks built for holding wastewater
- 1999: Cabrillo Power I LLC purchases EPS from SDG&E
- 2009: Requirement for back-up fuel discontinued and use of diesel in ASTs discontinued
- 2012: Removal of equipment within the desalination plant footprint begins
- 2014: Construction of Carlsbad Desalination Project begins

Currently, the EPS uses natural gas to power the steam electric power generation and ocean water is used for cooling. Oil burning was removed from the EPS permit in 2009. Operations at the EPS currently use five steam turbine generators (Units 1 thru 5) and one gas turbine unit, the common unit chimney, and various ancillary power generation and distribution equipment. The 17-megawatt gas turbine unit was designed to operate in peak demand periods. It can operate on either natural gas or No. 2 diesel oil. Historically, the diesel oil was transferred to the gas turbine unit via underground pipelines from three diesel ASTs located south of the West Tank Farm. Prior to 1971, the primary fuel used for power generation was Bunker C. From 1971 through 1984, the plant was primary fueled with No. 6 fuel oil (FDGTI, 1998). Currently, oil at EPS is primarily stored and handled in bulk oil containers, oil-filled operational equipment, oil-filled electrical equipment, and intermittent tanker truck deliveries. A complete description of oil storage and handling is provided in the EPS Spill Prevention, Countermeasure, and Contingency (SPCC) (E2 ManageTech, 2014).

The 8-story Power Plant Building houses the five steam turbine units, associated boilers, turbine lube system, air emissions control device, pumps, fans, condensers, sumps, and the three control rooms that continuously monitor the critical conditions. The Power Plant Building also houses the chemistry laboratory, instrumentation, control shops, and five unit oil-filled transformers.

Two SDG&E switchyards are located within the EPS. Only selected equipment in the 138 kilovolt (kV) switchyard belongs to EPS; otherwise, the equipment belongs to SDG&E and the yards are maintained by SDG&E.

A subsurface 20-inch pipeline from an off-site Marine Oil Terminal to the tank farms was permanently closed in May 2013 (E2 ManageTech, 2014). A portion of this pipeline has been removed from the area within the desalination plant footprint. As this feature is subsurface, SGI could not observe it during the site visit.

Wastewater was historically generated by boiler maintenance activities. The recently decommissioned wastewater treatment system (WWTS) was divided into two areas: the wastewater holding tank area located south of Agua Hedionda Lagoon and the wastewater treatment facility (WWTF) located to the east of the three former diesel ASTs used for the gas turbine. The "holding tank" area occupies approximately 1 acre and was used to store wastewater before and after treatment: these non-fuel ASTs remain in place. Types of wastewater at the site historically included extended waste (EWT), treated waste (TW), low-volume waste (LVW), and

boiler drips and drain discharge water from the power block (considered LVW). The WWTF, which formerly contained the wastewater treatment equipment, was removed in September 2012. Both areas had secondary containment.

For additional information about historic wastewater at EPS, refer to the following sections of this report:

- 4.5.3 Wastewater and Other ASTs (Non-Fuel ASTs)
- 4.12 Pits, Ponds and Lagoons
- 6.11.2.1 Former Wastewater Holding Ponds: VAP H13941-001
- 6.11.2 Prout's Pond
- 6.11.5.2 Removal of Wastewater Treatment System (WWTS): VAP H13941-004

On-site construction activities associated with the Carlsbad Desalination Project began in 2012, and equipment decommissioned in this area includes the cutter oil tank, three diesel ASTs, Tank 3, and the WWTF. The remaining fuel oil ASTs in the West Tank Farm (Tanks 1 and 2) and East Tank Farm (Tanks 4, 5, 6, and 7) are no longer in service and are slated for eventual decommissioning and demolition as part of the future Carlsbad Energy Center Project (CECP).

4.2 Site Reconnaissance Methodology and Limitations

Ms. Rachel Fischer of SGI performed a visual site inspection with Cabrillo Power I LLC staff on September 4, 2014. Site photographs are provided as Appendix A. At that time, EPS operations and Carlsbad Desalination Project construction activities were in progress on site (Appendix A: Photos 1 and 2). The sewer lift station located north of the West Tank Farm was not included in the site visit as it is a leased portion of the property. The land-based operations area of the aquafarm is located in the northwestern part of the site, along the shore of the lagoon; this area was not included in the site visit as it is a leased portion of the property and hazardous/regulated materials are not used by this business operation. Due to time constraints, the visual site inspection included a general tour of the EPS building exteriors and excluded building interiors. However, information about the previous condition of many building and/or EPS features has been documented in the reviewed documents.

The site includes the construction zone for the Carlsbad Desalination Project, multiple EPS buildings and associated equipment, pavement, SDG&E switchyards, and limited landscaping. An environmental questionnaire completed by Cabrillo Power I LLC staff is provided as Appendix B.

4.3 Materials Use and Waste Generation

4.3.1 Hazardous/Regulated Materials

A variety of hazardous and regulated materials are used at the site and consequently, a variety of hazardous and regulated wastes are generated at the site. SGI observed the hazardous storage materials area near the power block. Petroleum products are considered to be regulated materials.

A list of the typical hazardous and regulated materials that are stored and used at the EPS as of August 2014 is included in Appendix C. Hazardous materials that are stored in larger quantities include:

- Ammonium hydroxide (in AST)
- Caustic soda (inside building in tank and plastic drums)
- Sodium hypochlorite (at Cooling Water Deck)

The petroleum products that have been stored or used at the EPS include the following:

- Fuel Oil Formerly burned in boilers to produce steam; currently residual quantities
- Displacement Oil Formerly used for fuel oil line purges and cutter stock
- Diesel Fuel Formerly burned in gas turbine; reduced quantities used inside plant
- Lubricating Oils Currently used at various locations inside and outside the plant
- Transformer Oil Currently used in transformers and circuit breakers
- Turbine Oil Formerly and currently used at each unit in the power plant
- Used oils Generated from equipment maintenance inside and outside the plant

Aside from ASTs, significant quantities of oils are currently stored within drums, electrical capacitors, electrical transformers, the gas turbine lube system, and the turbine lube systems within the Power Plant Building (E2 ManageTech, 2014).

Historically, fuel oil was also present in pipelines beneath the site. Former oil-containing equipment that has been permanently closed and remains in place on site includes:

- 20-inch underground pipeline from the Marine Oil Terminal to the fuel oil ASTs. This was closed in May 2013, and the oil was removed, the pipeline was cleaned and flushed, and caps or blind flanges were welded on to the terminal ends of the remaining segments.
- A segment of underground pipeline from beneath the desalination plant south to the gas turbine formerly contained diesel. The piping was cleaned and removed from the area within the desalination plant footprint. The segment extending from this area to the gas turbine was capped at the terminal ends and left in place.
- Fuel Oil Detector Tanks U1/2 and U3 have been drained dry of oil and water and remain in place.

4.3.2 Hazardous/Regulated Wastes

Hazardous wastes that are generated at the power station, machine shop, and paint shop are stored at the Hazardous Material Storage Building. The hazardous and regulated wastes listed below were included in the Hazardous Materials and Wastes Inventory Matrix Report dated August 2014 (Appendix C):

- Blast grit
- Chloride lab waste liquid (water, dissolved minerals)
- Empty containers

- Waste paint (liquid and solid)
- Antifreeze
- Asbestos waste
- Combined lab waste
- Oily debris
- Oily water with surfactants
- Used oil

In general, hazardous wastes are generated by site maintenance operations at the site. Waste liquids (metal cleaning wastes) were formerly generated by the boiler water maintenance; however, this. Additional wastes are generated in the power block as part of housekeeping practices. The basements of Units 4 and 5 are over sixteen feet below sea level. Hence, they receive a large amount of seepage from groundwater. In order to prevent flooding of these basements, sumps were installed to collect the seepage water.

Asbestos wastes have been generated by the demolition activities associated with the removal of Tank 3. Four Solid Waste Management Units (SWMUs) were identified on the Tiered Permitting Phase I Environmental Assessment Checklist conducted for the Subject Property in 1998 (FDGTI, 1998a). These SMUs are identified in Table 2. SGI observed the hazardous waste storage area located near the power block (Appendix A: Photo 3).

4.3.3 Wastes Associated with Demolition and Construction

Well-development water generated during groundwater monitoring well sampling events at the Carlsbad Desalination Project is collected and removed from the site for off-site disposal using vacuum trucks. When oily soil is encountered during excavation activities associated with the desalination facility, assessment and remediation activities are initiated and the oily soil is segregated for proper disposal. The disposal of well-development water and oily soil is managed by EPS personnel.

It is anticipated that additional hazardous or regulated wastes, such as asbestos and residual fuel oil, will be identified and removed from the site during future construction activities. For the Carlsbad Energy Center Project (CECP), a Demolition Management Waste Plan (WMP) has been created (CH2MHill, 2014). For more information about the CECP, see section "9.0 Proposed Site Improvements."

4.3.4 Non-Hazardous Wastes

Non-hazardous solid wastes are removed from the site by a private trash contractor.

Wastewater generated from municipal water use is disposed of from the site via the sanitary sewer system. Wastewater generated by a variety of other activities at the site is disposed of in accordance with National Pollution Discharge Elimination System (NPDES) permit CA0001350, which provides for monitoring of waste streams that have the potential to contain oil and grease, dissolved metals, VOCs, etc. (See section 6.10 "NPDES Permit" for further description of these wastes as well as disposal of storm water.)

4.4 Underground Storage Tanks

SGI did not observe any underground storage tanks (USTs) at the EPS during the site visit. SGI did observe the area where a former diesel UST was removed near Building B (Appendix A: Photo 4).

Historically, waste solvents from electric motor cleaning were stored in a UST, north of the Hazardous Materials Building. The UST was installed in 1986 and removed in 1995 (FDGTI, 1998a). No records of any releases from this UST were identified during a previous records review (CH2M Hill, 2007).

According to site personnel, a UST may have formerly been located within the area currently used for hazardous material storage, near the power block (Appendix A: Photo 5).

4.5 Aboveground Tanks

A number of ASTs are currently located at the site for storing fuels and chemicals, as process tanks for treatment of liquid wastes, and for storing liquid wastes. These ASTs, their locations, and their contents are identified in Table 3. Recently removed ASTs are also included in Table 3 for reference.

4.5.1 East and West Tank Farms (Fuel Oil ASTs)

SGI observed the six current ASTs in the East Tank Farm and West Tank Farm, as well as the area formerly occupied by Tank 3 (West Tank Farm). The tank farms are located within impoundment basins and separated by concrete-coated or riprap earthen berms (Figure 3), (Appendix A: Photos 6 and 7). The tank farm basins were excavated into native ground. The upper ground surface elevation in the East Tank Farm is approximately 54-feet above msl. The intermediate berms are constructed at a 1.5-to-1 slope and rise approximately 20- to 25-feet high above the bottom of the East Tank Farm impoundment. The West Tank Farm consists of individual basins 8- to 15-feet deep. At the bottom of each impoundment basin, the footprint of each tank is surrounded by a six-inch layer of gravel. Dike drain sump structures, inlets, and 18-inch diameter corrugated metal drainage pipes line the perimeter of each impoundment basin. A 4-inch thick, drain rock layer overlays the bottom 15-feet of the slopes of the earthen berms. The slopes of the earthen berms and drain rock layer are covered with gunite, reinforced with welded wire fabric. The top of each berm varies in width, from 10- to 16-feet, and is covered with compacted crushed stone and topped with asphalt pavement (Source Group, 2007).

Reviewed design drawings indicate that the tanks are constructed on top of a six-inch thick, oil-impregnated sand cushion which is surrounded by a concrete perimeter ring wall. The oil-impregnated sand cushion is comprised of No. 2 fuel oil thoroughly mixed with sand at a rate of 22 gallons of No. 2 fuel oil per cubic yard of sand. This is roughly equivalent to 66,278 gallons of fuel, assuming the same mixing ratio is applied to all of the tank sand cushions (Source Group, 2007).

A number of historic fuel leaks from these ASTs have been historically identified, reported and cleaned up (FDGTI, 1998; CH2M Hill, 2007) (Table 4). Tank 3 has been demolished and removed from the site as part of the Carlsbad desalination project. Site assessment and remediation of fuel-containing soils in this area has been completed (Rincon, 2013).

The six ASTs within the two tank farms are no longer in operation and they have been proposed for eventual demolition. Three ASTs within the East Tank Farm (Tanks 5, 6 and 7) are scheduled for demolition in 2014 through 2015 as part of the CECP. Current plans for future tank demolition include the removal and disposal of the oil-impregnated sand from the tank bottoms as well as potential subsurface investigation and remediation of fuel-containing soils. For more information about the CECP, see section "9.0 Proposed Site Improvements."

The fuel oil piping system is no longer in operation and significant parts of the system have been removed (E2 ManageTech, 2014). A 425-gallon pump pit slop fuel oil tank is located in the pump pit west of Tank 5 (E2 ManageTech, 2014). A complete description of the current storage locations for oil at EPS are described in detail in the SPCC Plan (E2 ManageTech, 2014).

4.5.2 Diesel and Used-Oil ASTs

SGI observed the area formerly occupied by three historic 20,000-gallon diesel ASTs south of the West Tank Farm. This area is within the construction area for the desalination plant (Appendix A: Photo 2).

Four additional diesel and used oil ASTs are located in various parts of the site. SGI did not observe the following areas, which are included in the current SPCC Plan (E2 ManageTech, 2014) and are identified in Table 3:

- Emergency Generator Diesel Tank
- Flood Pump Diesel Tank
- Portable Diesel Fueling Tank
- Fuel Oil Recycling Tank

4.5.3 Wastewater and Other ASTs (Non-Fuel Oil ASTs)

SGI observed the wastewater tanks located adjacent to and west of the construction area for the desalination plant (Appendix A: Photo 8 and 9). The Extended Waste Treatment (EWT) tanks are currently in service for non-hazardous wastewater storage. The Low Volume Waste (LVW) tanks are in continuous service for boiler drips and drain discharge under NPDES permit CA0001350. The Treated Water Tanks formerly associated with the WWTF are empty and on standby. The ASTs historically located within the WWTF have been removed from the site.

4.6 Engineering Controls

Engineering controls for the site include restricted site access, restricted access to hazardous/regulated substance storage areas, compliance with environmental regulations,

employee training, and environmental record keeping. Areas with hazardous and/or regulated substances are generally bermed. Visual inspections of on-site equipment are regularly made for site operations and housekeeping purposes. SGI observed the restricted site access and restricted access to hazardous/regulated substance storage areas. EPS maintains a site-wide industrial Storm Water Pollution Prevention Plan (SWPPP) (WDID No. 9 37I015020), and a SPCC Plan (E2 ManageTech, 2014).

4.7 Asbestos

Potential asbestos-containing building materials (ACBMs) typically include pipe insulation, drop-in ceiling tiles, spray acoustic ceiling material, vinyl floor tiles, linoleum flooring, and roofing materials. As building structures were originally constructed in the 1950s, it would be anticipated that ACBM may be present in roofing materials, office areas, AST construction, etc.

In 2006, asbestos surveys were performed at the site to evaluate for the presence of ACBMs and other potential asbestos-containing materials within the following structures (Shaw, 2006a and b):

- Main Plant (Units 1 thru 5)
- Administration building
- Maintenance shop/warehouse
- Machine shop
- Paint shop
- Chemical storage building
- Wastewater treatment
- Tanks 4, 5, 6 and 7

Subsequently, areas with ACBM and other asbestos-containing materials were identified (Shaw, 2006a and b). ACBM were mostly reported to be present in the piping insulation for Units 1, 2 and 3 and in the transite walls of Units 4 and 5. The presence of asbestos is an issue of concern for the site, and management of asbestos-containing materials is a consideration during building and/or structure renovation or demolition.

4.8 Polychlorinated Biphenyls

Electrical equipment typically suspected to contain PCBs includes industrial capacity transformers and light ballasts that were manufactured prior to the 1980s. In the past, oil-cooled machinery also typically contained PCBs in the cooling fluid. In 1977, the USEPA classified PCBs as carcinogenic. Subsequently, all PCB-designated transformers were required to be replaced with non-PCB-designated transformers. Transformers are currently classified as PCB-containing if their cooling oils contain greater than 50 milligrams per liter total PCBs.

As of 2007, there were 57 transformers of various ages located throughout the EPS (CH2M Hill, 2007). Historically, transformers on the site contained PCBs. According to Cabrillo Power I LLC staff, the EPS transformers have been flushed and test results are below the California PCB regulatory level of 5 milligrams per liter. Soil samples collected from the site. (See section 6.11.4 "Phase I and II Investigations and Remediation from 1998 through 2007" for discussion of the

subsurface PCB investigation.) As of 2014, 42 electrical transformers are present in multiple locations and contain mineral oil with less than 50 parts per million (ppm) PCBs (E2 ManageTech, 2014).

SGI observed the switchyards, which are maintained by SDG&E (Appendix A: Photo 10). The 230-kV switchyard contains oil-filled equipment owned and operated by SDG&E. The 138-kV switchyard (located north of the 230-kV switchyard) contains oil-filled equipment owned and operated by SDG&E as well as that owned and operated by EPS. The locations of the switchyards are shown on Figure 4 as switch "stations."

The current potential for subsurface contamination of the site due to significant quantities of potential PCB-containing fluids currently present on the site does not appear to be a concern. However, older electrical equipment and fluorescent light ballasts that may contain PCBs should be managed as potentially hazardous waste during future building or structure renovation or demolition.

4.9 Lead-Based Paint

The buildings at the site were constructed prior to the bans on lead-based paint. In 2006, lead surveys were performed at the site to evaluate for the presence of lead-based paint on the following structures (Shaw, 2006a and b):

- Main Plant (Units 1 thru 5)
- Administration building
- Maintenance shop/warehouse
- Machine shop
- Paint shop
- Chemical storage building
- Wastewater treatment
- Tanks 4, 5, 6 and 7
- "Designated Structures"

Subsequently, areas with lead-based paint have been identified (Shaw, 2006a and b). A recent LBP survey completed by American Integrated Services, Inc. (2014) confirmed the presence of LBP greater than 5000 ppm and recommended that all damaged painted surfaces in the eastern tank farm be dealt with as lead-containing as per Title 8 CCR-1532.1 and OSHA's 1926.62. The presence of lead-based paint is an issue of concern for the site, and management of such material is a consideration during building and/or structure renovation or demolition.

4.10 Radon

Testing for radon was not included in the work scope because the site is located in an area which has a relatively low occurrence of radon. According to a survey conducted by the California Department of Health Services (DHS, 1991), the site is located in an area where only approximately 0.5 percent of homes are predicted to have more than 4 pico curies of radon per liter of air (pCi/l). The value of 4 pCi/l is the level at which the USEPA recommends action be taken to

reduce radon levels. According to the California EPA, San Diego County is classified as a zone 3 county. Zone 3 counties have a predicted average screening level less than 2 pCi/l. When 35 sites in the 92008 zip code were tested, only one had a value of greater than 4 pCi/.

Radon is typically identified as a hazard when it accumulates within buildings and structures. As there are subsurface structures at the site, the current potential for radon gas accumulation on site exists. However, potential accumulation of radon is thought to be insignificant because of the areawide radon screening studies. Radon is not a significant item of concern for this site.

4.11 Radioactive Manmade Materials

Many public and private office buildings in the United States have self-luminescent tritium exit signs that contain radioactive materials. While these do not constitute a recognized environmental condition, the exit signs must be properly identified to ensure proper handling and disposal practices. According to Cabrillo Power I LLC staff, exit signs are only present in the office and storage buildings.

4.12 Pits, Ponds and Lagoons

SGI did not observe open pits or ponds on the site. A ditch with standing water was observed to run through the center of the site from the area of Building B to near the wastewater tanks. Vegetation was observed to be present in the ditch (Appendix A: Photo 11).

Historically, a wastewater pond, known as Prout's Pond was located northeast of the administration building. An additional six surface impoundments were located to the north of the substation and were used to manage wastewater at the site. The former location of Prout's Pond and the retention basins was pointed out by Cabrillo Power I LLC staff during the site visit (Appendix A: Photo 12). Parts of these areas are currently being excavated in connection with laying pipelines for the Carlsbad Desalination Project. Prout's Pond and the six retention basins are further discussed in sections "6.11.2 Prout's Pond" and "6.11.1 Former Wastewater Holding Ponds: VAP H13941-001." Excavation of residual contamination during construction activities is further discussed in section "6.11.5.1 Desalination Plant Investigation and Remediation: VAP H13941-004."

GSI observed that the outer and middle portions of Agua Hedionda Lagoon are present immediately north of the site (Appendix A: Photo 1). EPS maintains a dock and boat hoist adjacent to the lagoon.

4.13 Solid Waste Dumping/Landfills

SGI did not observe evidence or receive reports of solid waste dumping or landfills at the EPS.

4.14 Stained Soil/Stressed Vegetation

SGI did not observe evidence or receive reports of stained soil or stressed vegetation at the EPS. Historically, areas with stained soil have been identified, investigated, and remediated as needed.

4.15 Other Concerns

The following items of potential environmental concern were not observed during the site visit or reported to be historically present at the site, and hence are not considered to be issues of concern:

- · accumulations of used lead-acid batteries, and
- · septic tanks.

4.16 Drinking Water

Municipal drinking water is supplied to the site by the city of Carlsbad.

5.0 INTERVIEWS AND CLIENT-PROVIDED INFORMATION

5.1 Interview with Owner

As the current property owner is a corporation, a key site manager was interviewed during the current investigation.

5.2 Interview with Key Site Manager

Ms. Sheila Henika is the Senior Environmental Engineer for NRG Cabrillo Power Operations Inc. Ms. Henika was interviewed during the site visit and provided additional information for incorporation into this report. Information obtained from Ms. Henika has been integrated through this report. An environmental questionnaire completed by Ms. Henika is included as Appendix B.

5.3 Past Owners, Operators and Occupants

Past occupants of the site were identified to include the American military, a rubber plant, and SDG&E. Past owners, operators, and occupants of the site were not interviewed during the current investigation because the site has been a power plant for over 60 years and relevant information regarding SDG&E's operations at the site have been provided by NRG.

5.4 Interviews with Others

No representatives of city or regional agencies were interviewed for additional site-specific information.

5.5 Client-Provided Information

The client provided copies of previous environmental reports with information regarding current site use or site history. These reports are listed in the References section of this report. In addition, the client provided a current plat map, which is included as Figure 2.

6.0 HISTORICAL SITE USE

SGI reviewed the following sources for information regarding historical site use: the Sanborn fire insurance map collection, aerial photographs, historic topographic maps, city directories, and statewide Geotracker database (RWQCB files). The EnviroStor database of the Department of Toxic Substances Control (DTSC) was reviewed; however, it was not found to contain information other than what was included in the Geotracker database. SGI also reviewed older Phase I ESA reports and other site documents listed in the References section of this report. SGI was unable to review land value appraisal information.

The street address of 4600 Carlsbad Boulevard has historically been associated with the site, as well as with the SDG&E Cannon Substation and the SDG&E O&M Yard. Alias addresses were not identified for the site.

6.1 Title Documentation and Environmental Lien

No Chain-of-Title report was obtained for the site for the current Phase I report. However, based on the available historical use information, such as historical aerial photographs, historical topographical maps, and existing site documents, land use for the site is sufficiently documented per ASTM 1527-13 standards without review of title documents

According to the Phase I ESA conducted in 1998, the first land tenure over the site was in 1842 for Rancho Agua Hedionda (FDGTI, 1998). Based on a title search performed in 1998, this property was later subdivided, and several parcels were purchased by SDG&E between 1948 and 1952 (FDGTI, 1998). According to the Phase I ESA conducted for the Regional Seawater Desalination Plant, a chain-of-title report for the site indicates that prior to 1947, the site was owned by W. D. Cannon who granted the site to Paul Ecke in 1947, and that Cabrillo Power I LLC acquired the property from SDG&E in 1999 (RBF Consulting, 2005).

Environmental liens and Activity Use Limitations (AULs) can be placed on a site by the DTSC. However, such environmental liens and AULs were not identified in the DTSC's EnviroStor database. The Phase I report identified two AULs for adjacent parcels APN 210-01-26 and 211-01-30, which restrict the development of those parcels and protect the lagoon and wetlands; however, these AULs do not apply to the EPS parcel, APN 210-01-46.

6.2 Land Value Appraisal

The client did not provide information regarding land value appraisal.

6.3 Sanborn Fire Insurance Maps

SGI contacted EDR Sanborn for information regarding historic fire insurance maps for the site. The Sanborn Company historically generated fire insurance maps areas of developed areas in California with historic land development. The company produced these maps from 1867 through

1970. EDR maintains a proprietary database of the Sanborn maps. Areas with historical land development after the 1960s are not typically available on Sanborn maps.

EDR was unable to locate any maps for this site. A copy of the EDR Sanborn report is included as Appendix D.

6.4 Aerial Photographs

SGI obtained historic aerial photographs of the site vicinity from EDR Aerial Photography Service. The reviewed historic photos date from 1927 through 2012. Table 5 lists the historic aerial photographs that showed the site and provides comments regarding the condition of the site and both adjacent and selected nearby properties. A copy of the EDR Aerial Photograph Report is provided as Appendix E.

In addition, SGI reviewed selected aerial photographs showing the construction of EPS in the 1950s. The title block on a photo dated September 1952, points out the location of the foundations for a former rubber plant in the southwestern part of the site.

6.5 Topographic Maps

SGI reviewed USGS topographic maps dated 1893, 1901, 1904, 1947, 1949, 1968, 1975, and 1995. The map dated 1893 shows that a road had been developed where Carlsbad Boulevard currently lies and that a railroad was present through the site. The site and adjacent properties appear to be undeveloped, and the southern boundary of Agua Hedionda Lagoon extended into the site. By 1901, scattered development was present south of Cannon Road and north of Tamarack Avenue; however, the site and adjacent properties remained void of development.

By 1947, three structures were present on or adjacent to the northwestern part of the site, next to the lagoon, as also seen in the aerial photograph dated 1939. An unpaved road appears to have been present in the southern part of the site. By 1949, a military reservation was present in the southwestern part of the site, and the structures in the northwestern part of the site were no longer present. The southern extension of the lagoon across the central part of the site appears to have changed since 1947.

The map dated 1968 shows that the site had been developed for use as EPS and that Interstate 5, Carlsbad Boulevard, and the lagoon were present in the current configuration. The power block, West Tank Farm, power transmission lines, and the railroad spur (adjacent to the southern property boundary) were present. The SDG&E O&M Yard to the south was also present. A public park was present south of the site, adjacent to the SDG&E O&M Yard at the intersection of Carlsbad Boulevard and Cannon Road. Residential development was present was present north of the lagoon and south of Cannon Road along Carlsbad Boulevard.

The map dated 1974 shows that the three of the ASTs in the West Tank Farm and some small structures had been added to EPS. By 1997, Tank 7 was present in the West Tank Farm. Additional residential development had occurred south of Cannon Road

A copy of the EDR Historic Topographic Map Report is included as Appendix F.

6.6 Oil and Gas Maps

Based on a review of maps provided by the State of California Department of Conservation Division of Oil, Gas, & Geothermal Resources (DOGGR) website, the site is not located within a one-mile radius of an oil or natural gas field. No oil or natural gas related features were identified on the site. The closest plugged and abandoned hole (Dauphin Dev Corp "Irwin Kelly" 39-1201) was identified approximately 1.25 miles east of the site.

This information was obtained from Map No. W1-7, for San Diego County, California, published by the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR), and is available through the DOGGR website.

6.7 City Directories

On behalf of SGI, EDR reviewed historical city directories dating back to 1920 for information about the address of 4600 Carlsbad Boulevard and nearby sites. No information was listed for nearby sites with the following addresses:

- 5016 Cannon Road
- 4563 Carlsbad Boulevard
- 4970 Avenida Encinas
- 4980 Avenida Encinas

City directories indicate that listings for 4600 Carlsbad Boulevard were present from 1970 through 2013. The city directory search identified SDG&E Encina Power Plant at 4600 Carlsbad Boulevard in 1970. Seafarms West was listed at this address in 1985 and 1991, and Carlsbad Aquafarm Inc. was listed at this address in 1995, 2000, and 2013. Metalclad Insulation Corp. was listed at this address in 1991 and 1995. NRG Cabrillo was listed at this address in 2006 and 2013. No other businesses were listed for this address or for adjoining properties in the EDR report.

A copy of the city directory search report is provided as Appendix G.

6.8 City Building Department Records

SGI did not review files at the City of Carlsbad Building and Planning Division.

6.9 Regional Water Quality Control Board Database

The GeoTracker on-line database was reviewed for information regarding site history. The following information was compiled from information obtained from the database. Historically mandated activities at the site have been performed under the regulatory authority of the San Diego Department of Environmental Health (DEH). The DEH has closed the files on three Voluntary Assistance Program (VAP) cases (H13941-001, -002, and -003). General information regarding the RWQCB and DEH case numbers is included in Table 6. Additional information

regarding site history may be present in the hard copy files of the RWQCB. However, such additional file review was not performed as part of the current investigation.

Currently mandated activities at the site are performed under the regulatory authority of the DEH. The DEH maintains two active VAP cases for the site (H13941-004 and -005). Selected documents associated with these cases, as well as for closed VAP H13941-003, are available on-line through the RWQCB's GeoTracker website.

6.10 NPDES Permit

EPS maintains an NPDES permit for multiple waste streams generated by site activities. Most of the water that is discharged under this permit is the once-through cooling water, which is withdrawn from the Pacific Ocean via Agua Hedionda Lagoon. A single cooling water system serves the five steam generating units; the gas turbine is air-cooled. The NPDES permit also references the following wastewater discharges which compromise a fraction of the discharge:

- Metal cleaning wastes
- Seepage and groundwater pumping
- Boiler blowdown
- Freshwater reverse osmosis brine
- Seawater reverse osmosis brine
- Fuel Line/Tank hydrotests
- Poseidon pilot desalination plant
- Low volume wastewater
- Storm water

Formerly, the burning of fuel oil at EPS generated metal cleaning wastes and this waste stream was historically treated by the WWTP. The sludge formerly generated by the treatment process was dewatered using a filter press and disposed of offsite in a landfill permitted to receive such wastes. Disposal of the dewatered sludge may be reflected in the HAZNET database. However, metal cleaning wastes are no longer generated at or disposed of from the site.

Seepage and groundwater pumping occurs in the Power Plant Building. The basements of Units 4 and 5 are over 16 feet below msl. Hence, they receive seepage from groundwater. To prevent flooding of these basements, sumps were installed to collect the seepage water. Pumps automatically discharge the sump contents directly to the once-through-cooling system (non-hazardous).

The Low Volume Wastewater Treatment Facility (LVWTF) treats all of the facility's LVW, except for reverse osmosis brine, boiler blowdown, seawater reverse osmosis pretreatment backwash, fuel line/tank hydrotest and groundwater dewatering from the Units 4 and 5 basement subdrain systems. The LVWTF is comprised of two 100% capacity wastewater treatment trains. Each train is composed of a Surge & Equalization Tank (to accommodate the various intermittent wastewater flows and flow rates from the facility) and an Oil/Solids Coalescer and Separator Unit. Effluent from the LVWTF is discharged to the facility's once-through cooling water system. Discharges occur

intermittently throughout the day based on the wastewater flow rate from the facility. LVW is generated by the following waste streams:

- Evaporator blowdown
- Sample drains
- Floor drains
- Demineralizers
- Softeners
- Condenser cleaning
- Sand filter backwash
- Potable demineralizer rinse flush
- Reverse osmosis membrane cleaning
- Salt water heat exchanger drains

One of the requirements of the LVWTF is monitoring for a number of parameters in the effluent, including oil and grease, selected metals, and selected VOCs. In general, very low levels of these constituents have been reported in the waste stream and analytical results of LVWTF monitoring show that the levels of these constituents have generally remained well below the acceptable effluent limits. Additional information regarding the results of the LVWTF monitoring is provided in the NPDES permit.

The other waste streams addressed by the NPDES permit do not generate hazardous waste.

Storm water collected in the following areas of the site are discharged under the NPDES: Power Plant Building, gas turbine, main transformers, paint booth, sodium hypochlorite tanks, sulfuric acid and sodium hydroxide tanks, employee parking area, administrative buildings and maintenance building (Basins D and E). All other storm water (Basins A, B, C, F) discharges under authority of the General Permit for Industrial Storm Water Discharges (CAS000001).

6.11 Previous Site Investigation and Remedial Activities

Remedial actions have been enacted at the EPS over the past 30 years related to either uncontrolled releases of petroleum hydrocarbons, or closure of industrial process equipment. Remedial actions have been carried out within the tank farm areas as well as other identified areas at the site. Selected references that document the previous site investigation and remediation activities are included in the References section of this report.

Historically, the Preliminary Remediation Goals (PRGs) of the USEPA, Region 9, have been used as a threshold for evaluating whether soils at the site required further investigation or remediation. Groundwater quality was compared with the California Maximum Contaminant Levels (MCLs). During some of the following investigation and remediation activities, site-specific clean-up goals were set under the authority of the San Diego County DEH, and these criteria were based on the DEH SAM Manual (DEH, 2002), the San Diego RWQCB guidance (RWQCB, 1994, 1996a, 1996b), and internal management policies.

6.11.1 Former Wastewater Holding Ponds: VAP H13941-001

In June 1995, Dudek and Associates conducted verification sampling of an area north of Tank 1. (Note that the entire 1995 Dudek remediation investigation includes areas outside the limits of the current Phase I and is only provided as background on DEH interaction and previous remedial actions.) The area was used to disposed of Bunker C grade fuels spilled into the former wastewater holding ponds (west of Tanks 1, 2, and 3) at EPS. A soil removal remedial action was performed on the area during June and July of 1995. Additional verification sampling was performed after soil removal action had occurred and a final "Site Assessment Cleanup and Verification Sampling" report was submitted to the DEH in November 1995 under DEH VAP H13941-001. Verification sampling indicated one sample contained residual total recoverable petroleum hydrocarbons (TRPH) at 61,800 mg/kg and the rest of the excavation samples contained less than 100 mg/kg TRPH. No metals or volatile organic compounds (VOCs) were detected above hazardous waste thresholds, and only one low level PAH (naphthalene, 53 mg/kg) was reported from the verification samples. Based on the immobile nature of the fuel type and site lithology, no further action was recommended. In October 1996, the DEH granted no further action status to the case.

6.11.2 Prout's Pond

The following information regarding Prout's Pond was included in the 2007 Phase I Report (CH2M Hill, 2007). A pond located northeast of the administration building, known as Prout's Pond, was used to manage wastewater at the Subject Property from 1954 to 1978 (FDGTI, 1998a). A release of 10,000 gallons of Bunker C oil reportedly occurred in this area during the 1950s. Impacted soil was removed to 5 feet below msl in 1978 (URS, 1999a). In 1978, six second-generation lined wastewater impoundments were installed to manage wastewater at the site. Four of the six new impoundments were installed in the existing Prout's Pond while the other two were constructed east of the switchyard, across the open ditch (Figure 3).

In 1987, the Regional Water Quality Control Board (RWQCB), San Diego Region issued a Cease and Desist Order for the Class I Surface Impoundments. A remedial investigation was conducted in this area in 1988. In 1991, the six second-generation impoundments were replaced with six wastewater ASTs southwest of Tank 3 in accordance with the Cease and Desist Order. The impoundments were investigated under the oversight of the RWQCB from approximately 1986 to 1992. Contaminated waste residues, pipelines, and soils impacted above the RWQCB-approved cleanup level of 1,000 milligrams per kilogram (mg/kg) for total petroleum hydrocarbons (TPH) were removed (FDGTI, 1998a). Background soil sampling in this area was conducted in 1991. Based on sample results, no further action was recommended for this area in 1992. The RWQCB rescinded the Cease and Desist Order in December 1992, and DTSC concurred with the NFA in February 1993 (DTSC, 1993).

During the cleanup of Prout's Pond, contaminated soil and oil were reportedly placed in a former rail cut gully located to the north of Tank 1. In 1995, approximately 2,000 cubic yards (yd³) of soil were excavated from this area, of which 1,600 yd yd³ were transported offsite for thermal desorption and recycling. The remaining 400 yd³ of excavated soil reportedly contained no visible oil contamination and were stockpiled and sampled. Based on sample results indicating an average Total Extractable Hydrocarbons [TEH] concentration of 908 mg/kg, the stockpiled soil was used as backfill in the excavation. Residual concentrations of TEH were also left in place at the northern and southern ends of the excavation due to stability concerns. A site assessment performed in 1995, requested NFA for the former rail cut gulley, and in a letter dated October 28, 1996, the DEH concurred with NFA for the area (URS, 1999a).

6.11.3 Phase I and II Investigations Dated 1998

In 1998, site-wide Phase I and Phase II Environmental Site Assessments were conducted at the Subject Property (FDGTI, 1998a and 1998b). The Phase I ESA identified known releases and divided the Subject Property into the following seven investigation areas:

- Area 1: Tank Farms and Impoundment Basins, including Fuel Tank Laydown Area
- Area 2: Process Treatment Area and Open Ditch
- Area 3: Administration Area and Discharge Basin
- Area 4: Operation Warehousing and Construction Yard
- Area 4a: Hazardous Waste Storage Area (within Area 4)
- Area 5: Power Plant Area
- Area 6: Surface Water Bodies

A map showing the geographic location of each of the investigation areas is provided as Figure 4. Investigation Area 6 "Surface Water Bodies" (i.e., the Pacific Ocean and Agua Hedionda Lagoon), was not included as part of the 1998 Phase II ESA investigation, and for the current purposes of this report, Area 6 is not considered to be part of the EPS site.

Based on the type of operations performed and chemicals of interest that could potentially occur in each area, the Phase I ESA identified 25 potential environmental conditions at the site. The Phase II ESA investigation included advancing 140 borings (52 hand-auger soil borings and 88 soil borings) and 15 temporary groundwater-monitoring wells, and installing one permanent monitoring well at the site (FDGTI, 1998b). In total, 348 soil samples, 13 groundwater samples, and four sediment samples were collected during this Phase II investigation. Samples were analyzed for TEH, VOCs/benzene, toluene, ethyl benzene and total xylenes (BTEX), PAHs, PCBs, metals, and asbestos; not all samples were analyzed for all analyses.

Two VOCs (isopropylbenzene and methylene chloride), two PAHs (benzo(a)pyrene and dibenz(a,h)anthracene), and one metal (arsenic) were detected in soil samples at concentrations exceeding their respective screening criteria; and therefore, were identified as chemicals of potential concern (COPC). One metal (nickel) was detected in groundwater at a concentration exceeding its background concentration and was also identified as a COPC. A Baseline Health

Risk Assessment (BHRA) was conducted as part of the Phase II investigation. Based on the reported Phase II analytical results, the BHRA concluded that the contaminant concentrations detected at the site did not present an unacceptable risk to human health or the environment for continued industrial use of the site. Therefore, it was concluded that no chemicals of concern warranted risk-based remediation (FDGTI, 1998b).

However, concentrations of TEH detected in soil samples in three areas (Areas 1, 2 and 4) at the site exceeded the screening criteria of 1,000 mg/kg. Therefore, the following five CRECs were identified in the 1998 Phase II ESA:

- Fuel Oil Tank # 7 (within Area 1)
- Fuel Oil Tank #1 (within Area 1)
- Area associated with Fuel Pipelines east of the Wastewater ASTs (within Area 2)
- Former Prout's Pond (within Area 2)
- Former Diesel Underground Storage Tank (UST) Pit (within Area 4)

Based on sample results, the 1998 Phase II ESA concluded that the potential environmental conditions initially identified for Area 3 (administration area and discharge basin) did not require further investigation. Investigation Area 5, the power plant facility, was not investigated during the Phase II ESA because samples could not be collected beneath existing structures. Areas beneath tanks, piping, the power plant, and other structures were left to remain as potential environmental conditions to be addressed when EPS is decommissioned (FDGTI, 1998b).

6.11.4 Phase I and II Investigations and Remediation from 1998 through 2007

The following discussion of historic site assessment and remediation activities from 1998 through 2007 was presented in the Phase I report prepared in 2007 by CH2M Hill.

6.11.4.1 Supplemental Site-Wide Investigations in 1999

In 1999, two supplemental investigations were performed to confirm the existing data for the site, to obtain additional data to supplement current baseline levels of contamination present at the time of property transfer, and to conduct additional sampling for areas where sampling was not previously conducted (i.e., SDG&E Operations and Maintenance [O&M] Yard, SDG&E Cannon Substation/Plant Construction Area, Agua Hedionda Lagoon, beneath the switchyards and aboveground pipelines, and transformers located throughout the SDG&E property) (URS, 1999a and 1999b). These supplemental investigations included areas that are outside of the current EPS site, which is the subject of the current report. Areas identified in the following discussion are shown in Figure 4. The sample results exceeding applicable screening criteria for each area sampled during this investigation are provided below:

Area 1 (Tank Farm): TEH exceeded 1,000 mg/kg in one soil sample. One metal
 (antimony) exceeded the background levels for California soils in two soil samples near the
 cutter oil tank. Three metals (cadmium, silver, and lead) were detected in groundwater

- samples collected in the Tank Farm and Fuel Tank Laydown Areas at concentrations exceeding their respective maximum contaminant levels (MCLs). Lead and silver were also detected in the equipment blank sample.
- Area 2 (Process Treatment Area and Open Ditch): Two metals (antimony and silver)
 exceeded the background levels for California soils in one sediment sample near the open
 ditch. Three metals (arsenic, cadmium, and lead) were detected in groundwater samples
 collected in the areas of the subsurface pipe spill, Prout's Pond, or east of the
 Administration Building at concentrations exceeding their respective MCLs. Lead was also
 detected in the equipment blank sample.
- Area 3 (Administration Area and Discharge Basin): Two VOCs (1,1-dichloroethene and vinyl chloride) were detected in groundwater samples collected from monitoring well MW-3 (east of the Administration Building) at concentrations exceeding their respective MCLs. The possible source of VOCs and semi-volatile organic compounds (SVOCs) detected in MW-3 is unknown. One metal (cadmium) was detected in one groundwater sample collected from MW-3 at a concentration exceeding the MCL.
- Area 4 (Operation Warehousing and Construction Yard): To assess the former diesel UST area, soil samples were collected from seven borings. TEH was detected in one sample at a concentration (21,000 mg/kg) at 20.5 feet bg, which exceeded the soil screening criteria of 1,000 mg/kg. Antimony exceeded the background levels for California soils in one soil sample near the former diesel UST and in two soil samples collected in the waste oil area. Eight metals (arsenic, beryllium, cadmium, chromium, lead, mercury, nickel, and silver) were detected in groundwater samples at concentrations exceeding their respective MCLs in the areas of the solvent UST, sumps, former diesel UST, near Building A, or near the former Hazardous Waste Storage Area (Area 4a). Lead and silver were also detected in the Equipment Blank samples.
- Area 5 (Power Plant Area): Seven metals (beryllium, cadmium, chromium, lead, nickel, thallium, and silver) were detected in groundwater samples collected in the power block sumps or dewatering sumps at concentrations exceeding their respective MCLs. Lead and silver were also detected in the Equipment Blank samples.
- SDG&E Cannon Substation (Off Site, Not A Part): The SDG&E Cannon Substation and Plant Construction Area are located on adjacent property to the southeast of the site. According to the 1998 Phase I ESA, two releases occurred at the SDG&E Cannon Substation. Dates of the releases are unknown and release volumes were reported to have ranged from 5 to 10 gallons of dielectric oil. It is unknown whether the oil contained PCBs (URS, 1999b). The Plant Construction Area was used for storage of equipment and maintenance activities. Soil and groundwater samples were collected in this area and

- analyzed for TEH, VOCs, SVOCs, PCBs and metals. TEH exceeded 1,000 mg/kg in one surface soil sample. One PCB (Aroclor 1260) was detected in one surface soil sample at the SDG&E Cannon Substation at concentrations exceeding industrial PRGs. Three metals (beryllium, cadmium, and lead) were detected in groundwater samples at concentrations exceeding their respective MCLs.
- SDG&E O&M Yard (Off Site, Not A Part): The SDG&E O&M Yard is located on adjacent property to the south of the site. It is considered a potential source of contamination based on the presence of the following structures: a 12,000-gallon gasoline UST, a 10,000-gallon diesel UST, a 1,000-gallon waste oil UST, a former waste-oil sump, one 3,250-gallon rinsate sump used for vehicle cleaning, hazardous waste storage, surface water runoff area on the east side of the yard, and the north-south trending drainage ditch that borders the east side of the SDG&E O&M Yard (URS, 1999b). Soil and groundwater samples were collected to assess soil and groundwater conditions in this area. Two VOCs (1,1-dichloroethene and tetrachloroethene) were detected in groundwater samples near the hazardous waste storage area and gasoline and diesel UST area at concentrations exceeding their respective MCLs. Three metals (beryllium, cadmium, and lead) were detected in two groundwater samples collected in the SDG&E O&M Yard above their respective MCLs.
- Switchyard: Soil and groundwater sampling were not conducted in the Switchyard during
 the 1999 investigation based on the information provided confirming the current absence of
 PCB containing equipment in the switchyards.
- Transformers: In 2007, there were 57 transformers of various ages located throughout the EPS. According to the 1998 Phase I ESA, all equipment has been converted to non-PCB bearing, mineral oil-based, dielectric fluids. Prior to this conversion, most of the transformers reportedly contained PCBs at concentrations exceeding 60 percent (FDGTI, 1998a). In 1996, 16 wipe samples and 19 soils samples were collected to assess stains and soil discoloration adjacent to oil-containing transformers and circuit breakers. PCBs were detected in ten soil samples at concentrations ranging from 0.03 mg/kg to 1.2 mg/kg. During the 1999 investigation, 11 shallow soil samples were collected to assess the potential impacts from PCBs to soil in the areas of SDG&E Cannon Substation, the SDG&E O&M Yard, the runoff ditch, and transformers located in the East Tank Farm. One PCB (Aroclor 1260) was detected in one surface soil sample at the off-site SDG&E Cannon Substation at a concentration exceeding the industrial PRG.
- Agua Hedionda Lagoon (Off Site, Not A Part) and Runoff Ditch: The lagoon consists of the inner lagoon (east of Interstate 5), the middle lagoon (railroad tracks to Interstate 5), and the outer lagoon (railroad tracks to ocean). Sediment sampling was conducted at 15 identified discharge points around the perimeter of the inner lagoon, six discharge points

around the perimeter of the middle lagoon, and five discharge points around the perimeter of the outer lagoon. Surface water sampling was also conducted at three locations within the inner lagoon, and three sediment samples were collected from the southern portion of the open ditch area that runs along the eastern portion of Area 4. One soil sample collected from the runoff ditch contained an SVOC (benzo[b,k]fluoranthene) in excess of industrial PRG for soils. Five metals (arsenic, cadmium, copper, lead, and silver), PCBs, and six SVOCs (benzo[a]anthracene, benzo[a]pyrene, chrysene, fluoranthene, phenanthrene, and pyrene) were detected at concentrations exceeding the sediment threshold effects level in one or more sediment samples. Several metals (antimony, arsenic, beryllium, chromium, lead, nickel, and silver) were also detected in the lagoon samples at concentrations exceeding their respective MCLs. Total Dissolved Solids (TDS) levels measured during this investigation ranged from 3,570 milligrams per liter (mg/L) to 50,700 mg/L.

6.11.4.2 Former Diesel UST Area: VAP H13941-003

In 2001, four soil borings and two monitoring wells were installed in the location of the former 10,000-gallon steel diesel UST. TEH was detected at concentrations ranging from 23.1 mg/kg to 467 mg/kg in three of the 18 soil samples collected, which are below the screening criteria of 1,000 mg/kg for TEH. TEH was not detected in the two groundwater samples collected. The investigation concluded that the source of residual impacts from the former UST had been removed (Haley & Aldrich, 2004b). In a letter dated March 18, 2005, the DEH concurred that the cleanup goals had been met for this area (DEH, 2005).

Waste solvents from electric motor cleaning were stored in an UST north of the Hazardous Materials Building. The UST was installed in 1986 and removed in 1995 (FDGTI, 1998a). No records of releases from this UST were identified during the records review.

6.11.4.3 Emergency Responses in 2002

On July 2, 2002, a truck transporting transformers crashed and emptied its cargo into the SDG&E parking lot located adjacent to the Subject Property releasing approximately 70 gallons of transformer oil (non-PCB mineral oil). Approximately 20 gallons was estimated to have reached the storm water conveyance system from Cannon Road to Agua Hedionda Lagoon. The spill was cleaned up by contractors; however, oil sheen was observed on the lagoon surface on July 4, 2002. Oil absorbent booms and pad stations were used to contain the oil. The conveyance system was flushed, and the lagoon was continuously monitored until no sheen was present.

On July 8, 2002, an anchor scow used to move the dredge equipment to the dock had a hole in the hull below the water line. One gallon of hydraulic fluid was released into the water. Absorbent booms were placed around the scow to contain the release. At high tide, oil sheen was observed on the south end of the outer lagoon inside the containment area, near the dredge dock. The hole

in the scow was sealed, water pumped out, and moved to the dock. A crane removed the scow from the lagoon the following day.. The incident was reported to the National Response Center (NRC), Office of Emergency Services (OES), Department of Fish and Game, and RWQCB.

Several small (i.e. less than 100-gallon) releases of oil occurred within areas with secondary containment in the tank farms between March 15, 2000, and February 24, 2006. The contaminated soil was cleaned up and properly disposed, equipment area was swabbed, and notifications were made to the appropriate agencies. The oil did not reach navigable waters or adjoining shorelines. No ongoing sampling was performed, and no regulatory action was enforced. A list of known historic releases is provided in Table 4.

6.11.4.4 Site-Wide Remediation: VAP H13941-003

Based on recommendations provided in the 1998 Phase II ESA (FDGTI, 1998), soil remediation activities were conducted at various site-specific locations throughout EPS from October through December 2003. The soil remediation was performed in accordance with the Remedial Action Work Plan (IT, June 2001) which was approved by the DEH under the VAP H13941-003. These remediation activities were conducted in the following areas:

- Unpaved area west of Fuel Oil Tank 3 which serves as a storm water detention basin
- Unpaved area near the valve platform
- Paved area east of the former Prout's Pond and south of the Agua Hedionda Lagoon
- Unpaved area north of Fuel Oil Tank 1
- Paved area southeast of Fuel Oil Tank 7
- Unpaved area northwest of Fuel Oil Tank 7
- Unpaved area beneath a valve for the cutter oil tank
- Former diesel UST area

The remediation goals set forth in those remedial action work plans consisted of the limited removal and off-site treatment or disposal of free product; soil that had the potential to generate free product; and soil impacted with 1,000 mg/kg or greater of Total Extractable Hydrocarbons (TEH). The cleanup criteria used for the project was in accordance with the Remedial Action Work Plan (IT, June 2001) which was approved by the DEH. These criteria were based on the DEH SAM Manual (DEH, 2002), the San Diego Regional Water Quality Control Board (RWQCB) guidance (RWQCB, 1994, 1996a, 1996b), and internal management policies.

Approximately 4,426 cubic yards of petroleum hydrocarbon-impacted soil were excavated and transferred offsite for treatment and disposal (Haley & Aldrich, 2004b). These excavated areas are considered to be CRECs, and their locations are included in Figure 5. A total of 192 confirmation soil samples were collected from the excavations, potholes, and exploratory borings around the excavation and analyzed for TEH. Based on the confirmation sample results, no free product or

soil with the potential for generating free product was encountered; however, TEH-containing soils were left in place where existing structures precluded further excavation and include the following areas:

- Vicinity of Tank 7: Foundations for an above ground pipe precluded further extension of the
 excavation in the area toward the northwest. An estimated volume of approximately 12 yd³
 of soil remained in place, with concentrations of TEH of approximately 1,600 to 1,900
 mg/kg.
- Vicinity of Tank 7: A concrete-lined v-ditch precluded further extension of the excavation.
 An estimated volume of approximately 4 yd³ of soil remained in place in this area with concentrations of TEH of approximately 1,100 to 3,030 mg/kg.
- West of Tank 3: Excavation located around the storm water piping was terminated due to the potential to impact the integrity of the storm water piping and fuel pipeline supports. Soil containing TEH above 1,000 mg/kg remained in place.

Therefore, the remediation goals were achieved for these areas, and no further action was recommended for these areas of the Subject Property (Haley & Aldrich, 2004b). In a letter dated March 18, 2005, the DEH concurred that the cleanup goals had been met for these areas (DEH, 2005). A copy of this letter is included in Appendix H. A total of 16 monitoring wells that had been installed as part of the VAP 13941-003 investigation were decommissioned following case closure.

6.11.5 Site Assessment and Remediation Activities from 2007 through September 2014

Since completion of the Phase I report in 2007, two DEH file numbers (VAP H13941-004 and H13941-005) have been assigned to site assessment and remediation activities. In addition, four emergency response events have been reported (Table 4).

6.11.5.1 Emergency Response Events

Information on emergency response events from 2007 through September 2014 was obtained from the EDR Radius Map report, which lists the events recorded by the ERNS and the CHMIRS (Appendix I).

On May 12, 2011, an emergency response notification was made following a release of transformer oil. Further information regarding the investigation and remediation of this release is provided in section "6.11.5.4 Non-PCB Transformer Oil Leak: VAP H13941-005."

The three following ERNS events did not require further regulatory action:

 On September 17, 2008, an emergency response notification was made following equipment failure which resulted in a release of No. 6 fuel oil from a 6-inch pipeline. This occurred approximately 30 feet away from a small waterway. A dike was built to contain the spill, and there was no waterway impact.

- On November 20, 2008, an emergency response notification was made following an operator error in which vegetable oil was released. The spill was contained and cleanup was completed.
- On January 26, 2013, approximately 5-gallons of work truck hydraulic oil were discharged to the driveway at EPS. Oil flowed downhill into an Agua Hedionda Lagoon direct intercept storm drain. The incident report notes that SDG&E was the suspected responsible party.

During the period from 2007 through September 2014, a number of other incidents were recorded in the ERNS; however, these events are recorded as being drills and do not reflect unauthorized releases of hazardous or regulated substances.

6.11.5.2 Desalination Plant Investigation and Remediation: VAP H13941-004

The EPS owned by Cabrillo Power I LLC leased 6-acres to Poseidon Resources (Channelside) LP for construction and operation of the Carlsbad Desalination Plant. The area designated for the desalination plant was formerly used for fuel oil storage and a wastewater treatment system (WWTS). In 2007, Cabrillo Power I LLC applied to the DEH for the VAP in order to allow for demolition and removal of structures from this area as well as for evaluation and remediation of impacted soils in this area. The VAP application was re-filed in 2007, by NRG Energy West. To prepare the proposed area for construction, the following EPS structures were removed from this area: Tank 3, the cutter oil tank, three diesel ASTs, associated piping, and the WWTS. The following description of remediation activities in this area was taken from the Remediation Closure Report (Rincon, 2013).

Soil remediation activities were performed in the areas formerly occupied by Tank 3, the cutter oil tank, three diesel ASTs, and the associated above and below-ground fuel conveyance piping. Remediation activities were designed to comply with soil cleanup goals established by the County of San Diego Department of Environmental Health (DEH) and as required by VAP H13941-004.

The California Human Health Screening Levels (CHHSLs) for industrial soil were used as cleanup goals for lead and chromium, and DEH-approved cleanup goals were used for total petroleum hydrocarbons (TPH) (diesel and motor oil ranges) and PAH (naphthalene and benzo(a)pyrene). TPH goals were established for areas inside and outside of the planned desalination plant footprint. The soil cleanup goals were as follow:

- Lead 320 mg/kg
- Chromium 100,000 mg/kg
- TPH-o/TPH-d outside of the Desalination Plant footprint 1,000 mg/kg
- TPH-o/TPH-d inside of Desalination Plant footprint 2,800 mg/kg
- Naphthalene 1.58 mg/kg
- Benzo(a)pyrene 24,512 mg/kg

The areas of potential impacts on the site were identified prior to remediation in the Interim Remediation Work Plan, Encina Power Station, (TetraTech, 2009). Primary confirmation soil samples were collected in accordance with the Work Plan. If a contaminant of concern (COC)

concentration exceeded the established cleanup goals in a primary sample, secondary confirmation soil samples were collected and analyzed to determine the extent of soil impacts and confirm the area of excavation necessary to achieve established cleanup goals. American Integrated Services (AIS) of Wilmington, CA, a contractor licensed to handle contaminated soil, conducted all of the excavation activities on the site. A total of approximately 3,400 cubic yards of impacted soil were excavated and transported to an appropriate licensed disposal facility. The majority of this impacted soil was associated with the black soil that was used to backfill the underground fuel conveyance pipelines.

Confirmation soil samples were analyzed for TPH-d and TPH-o by EPA Method 8015, BTEX by EPA Method 8260B, PAHs by EPA Method 8270C, lead, and chromium by EPA Method 6010.

The analytical laboratory results indicated that the site met the established cleanup goals as required by the DEH. At that point, no further action was deemed to be necessary for remediation of the following areas: Tank 3, cutter oil tank, three diesel ASTs, and the associated above and below ground fuel conveyance piping. In October 2013, the DEH concurred with the finding that assessment and remediation within the desalination plant footprint was complete, and the decision was made to keep the case file open pending completion of additional assessment and remediation associated with additional construction areas (e.g. desalination pipelines) (Appendix H).

In late October 2013, construction workers encountered petroleum hydrocarbon odors emanating from soil excavated in an area northwest of the proposed potable water storage tank for the desalination plant, in the vicinity of the three former diesel ASTs (Rincon, Nov. 21, 2013). Diesel-containing soil was excavated to a total depth of approximately 30 feet bg. Due to the proximity of a high pressure natural gas line along the northern boundary of the excavation, diesel-containing soils were left in place in this area. A total of 778 tons of soil were removed and disposed of at an appropriate licensed facility. To determine if the remaining diesel-containing soil has the potential to impact the indoor air quality of structures located approximately 30 feet above the impacted soil, the vapor intrusion risk was modeled using the 2010 County of San Diego Site Assessment and Mitigation Vapor Risk Model. The maximum TPH-d concentrations detected in the soil samples were used to calculate the vapor intrusion risk. To be conservative, the physical properties of sand were used in the calculation. The results of the risk assessment indicated a cancer risk of 1 x 10⁻⁶ and a non-carcinogenic hazard index of 1 were not exceeded for TPH-d.

Due to the close proximity of TPH-d impacted soil above groundwater (by approximately two feet) and to evaluate whether groundwater to the north and west (hydraulically down gradient) had been impacted by diesel, three groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed. Results of groundwater sampling in October 2013 indicated that TPH-o was not reported to be present above the detection limit of 250 ug/L. TPH-d was reported to be present in concentrations ranging from below the detection limit (50 ug/L) to 150 ug/L.

In December 2013, additional diesel-containing soil was encountered in an area northwest of the desalination plant's potable water tank (near the southwestern corner of the proposed

administration building for the desalination plant). A soil sample collected from the initial area of concern was found to contain 5,300 mg/kg TPH-d. Additional soil samples were collected, and temporary well casing was installed within boreholes to allow for grab groundwater-sample collection. The soil samples were analyzed for lead and chromium, TPH-d and TPH-o, PAHs, and BTEX. Maximum concentrations of 5,300 mg/kg TPH-d and 2,500 mg/kg TPH-o were reported for the soil sample collected from soil boring AB-SB-3 at 30 feet bg. This soil sample was the only soil sample to exceed the TPH-d and TPH-o clean-up goals. In addition, lead, chromium, naphthalene, and benzo(a)pyrene were not detected at concentrations exceeding the clean-up goals, and BTEX was not detected above laboratory reporting limits in any of these soil samples. Groundwater samples were analyzed for TPH-d, TPH-o, and BTEX. Results indicate that a maximum of 3,900 ug/L TPH-d was present in the groundwater sample collected from soil boring AB-SB-3. TPH-o was not detected above the laboratory detection limit in any of the groundwater samples. The maximum levels of BTEX were detected in the groundwater sample collected from soil boring AB-SB-3 (2.8 ug/L benzene, 20 ug/L toluene, 8.5 ug/L ethylbenzene, 29 ug/L p- and m-xylenes, and 13 ug/L o-xylene).

In April 2014, plans to install additional groundwater monitoring wells were postponed due to ongoing construction activities in the proposed location of these wells (Rincon, 2014). Investigation and potential remediation of the area northwest of the desalination plant's potable water tank is not currently considered to be complete.

6.11.5.3 Removal of Wastewater Treatment System (WWTS): VAP H13941-004

Information regarding removal of the WWTS was obtained from the closure report (SCS, 2013). The May 25, 2012 Memorandum of Understanding (MOU) for the Closure of the Conditionally Authorized Wastewater Treatment System at the Encina Power Station was prepared for the closure process of the Conditional Authorization of the Wastewater Treatment System (WWTS) under the regulatory authority of the DEH. In addition to the inspection, sampling, cleaning, dismantling, and disposal/decommissioning of the WWTS, a subsurface soil-sampling program was performed at the wastewater treatment facility (WWTF) in order to assess whether releases of hazardous substances or petroleum products had occurred in the area of the WWTF.

Historically, EPS required the operation of a WWTS to treat wastewater generated during the operation of the power plant including spent metal cleaning solutions, boiler fireside washes, evaporator blowdown, floor drainage, sample line drainage, and demineralizer regenerate waters. Due to the potential for the untreated wastewaters to be classified as hazardous waste based upon pH levels and concentrations of dissolved metals, a treatment system was necessary to balance the pH levels and to reduce the concentrations of dissolved metals prior to discharge to the ocean under a NPDES permit. Wastewater with the potential to be hazardous were referred to as "extended wastes (EW)" and other wastewaters that did not have the potential to be hazardous but still required treatment pursuant to the NPDES permit were referred to as the "low volume wastes (LVW)." A description of the current LVWTF is provided in section 6.10 "NPDES Permit."

Initially the WWTS utilized open ponds or impoundments, constructed in 1978, to hold the untreated and treated wastes. These ponds were replaced with ASTs (Extended Waste Tanks [EWT] 3 and 4, and Treated Waste Tanks [TWT] 5 and 6). These ponds were closed under the oversight of the RWQCB, San Diego Region in 1992. A copy of the DTSC impoundment closure letter dated February 22, 1993, was included in the SCS closure report.

As part of the closure of the ponds, SDG&E (EPS's former owner) conducted a survey of background concentrations of the COCs. This survey was presented in the Closure Certification Report for Wastewater Ponds Located at Encina Power Plant, dated June 1992 and prepared by Mittelhauser Corporation (Mittelhauser). Mittelhauser proposed a statistical approach to determine background concentrations of the COCs in their December 1988 Closure Plan Encina Power Plant. The approach proposed that the background concentration be established at three standard deviations above the mean of the detected COCs. This method resulted in the proposed "Background Standards" adopted for this work.

In 1991, SDG&E prepared a Wastewater Treatment Facilities Encina Power Plant Closure Plan, dated April 1, 1991 (SDG&E Closure Plan). This Closure Plan described the process to decontaminate, dismantle, and close the treatment facilities at the time that the power plant ceased operations, and the Closure Plan provided an estimated cost to decommission the treatment system. The Closure Plan identified 11 parameters found in the waste stream and considered these parameters as the constituents of concern for the closure process. These 11 parameters included: TPH, pH, arsenic, barium, chromium, copper, mercury, nickel, lead, vanadium, and zinc.

In March 1993, SDG&E submitted a notification to DTSC that the facility was operating a Conditionally Authorized wastewater treatment system pursuant to the California Health and Safety Code (HSC) 25200. The WWTS was granted a Conditional Authorization by the DTSC on December 13, 1993. The treatment system was eligible for Conditional Authorization because the waste being treated was ". . . aqueous wastes hazardous solely due to inorganic constituents, except asbestos, listed in title 22 CCR, Section 66231.24(a)(1)(B) or (a)(2)(A) and which contain less than 1,400 parts per million (ppm) total of these constituents." (DTSC 1772C [1/93]). This Conditional Authorization was included under the existing Uniform Program Facility Permit Number 113941.

When the EPS was purchased from SDG&E in 1999, Cabrillo Power I LLC assumed the responsibility of operating the WWTS under the Conditional Authorization. This WWTS was used to treat wastewater generated during the cleaning of the power plant's boilers via an acidic chelating solution to reduce scale and mineralization inside of the boiler and pipes, and to clean soot and carbon deposits on the combustion side of the boilers resulting from the burning of No. 6 fuel oil.

Since the elimination of fuel oil as an energy source in 2009, EPS has operated solely on natural gas. Natural gas operations and continued water quality control reduced the need for the cleaning processes and thereby eliminated the need for the WWTS. Therefore, Cabrillo Power I LLC

proposed to eliminate the WWTS by cleaning and repurposing portions of the system, cleaning and disconnecting other portions, and dismantling/demolishing the WWTF.

In 2009, Tetra Tech EC Inc. (Tetra Tech) prepared a "Closure Plan, Wastewater Treatment Facilities, Encina Power Station, Carlsbad, California" dated November 2009 (Tetra Tech Closure Plan). This Tetra Tech Closure Plan was submitted to the DEH. The Tetra Tech Closure Plan referenced the Mittelhauser Closure Plan for the ponds and the SDG&E Closure Plan for the WWTS. In 2012, the decontamination and decommissioning of the WWTS began in general accordance with the Tetra Tech Closure Plan.

In addition to the closure plan, Tetra Tech also prepared an "Interim Remediation Work Plan Encina Power Station, Carlsbad, California, In Support of the Poseidon Resources – Carlsbad Seawater Desalination Project," (Work Plan) dated November 2009, and revised in December 2009. A letter dated January 29, 2010 from the DEH approving this Work Plan was understood by Cabrillo Power I LLC to also be an approval of the Tetra Tech Closure Plan for the WWTS. A copy of the DEH letter was included in SCS's closure report.

In December 2011, the DEH was notified that the WWTS had not been used since 1999 for chemical cleaning purposes and that there was no future need for the system. The letter also notified the DEH that the system would be eliminated with the goal of terminating the Conditional Authorization. A letter presenting a Compliance Inspection Response Schedule, dated February 27, 2012, was subsequently submitted to the DEH to specifically address concerns regarding the WWTS and provide a timeline for its closure, repurposing, dismantling, and demolition.

Pursuant to discussions with the DEH, Cabrillo Power I LLC prepared the MOU dated May 25, 2012 which proposed that the WWTS would be decommissioned and closed because the system was no longer used, and in order to resolve potential violations. In the DEH July 5, 2012 response letter to the MOU, the DEH concurred that the "closure of the conditionally authorized treatment system and associated hazardous waste tanks as outlined in the MOU will constitute return to compliance for the above noted violations..."

Dismantling and demolition activities began in September 2012. In December 2012, a total of 27 soil borings were drilled in the former wastewater containment area (WWTF), which currently is the southern part of the desalination plant footprint (Figure 4).

Analytical results showed that levels of TPH, BTEX, and PAHs above detection reporting limits were not found in any of the 54 samples analyzed for these COCs. The pH results ranged from 7.43 to 9.93 with an average value of 8.52. The pH results are within the background standards of 5.7 to 10.9. Concentrations of the following metals were not detected in any of the samples analyzed for Title 22 metals: antimony, arsenic, beryllium, cadmium, lead, molybdenum, selenium, silver, and thallium. Of the metals that were detected, cobalt was not considered to be one of the potential COCs at the Site.

Analytical results of these soil samples indicated that there is a low likelihood of historic releases of wastes containing the 10 constituents of concern (nine metals and petroleum hydrocarbons) or of caustic or corrosive wastes to the subsurface in the areas assessed at and near the former WWTF.

The WWTS at EPS was fully decommissioned, dismantled, and/or demolished. The dismantled/demolished parts, hazardous and non-hazardous wastes, and cleaning wastes were disposed or recycled pursuant to the applicable local, state, and federal regulations (SCS, 2013). The DEH generally concurred with the finding that no further action is needed at the former WWTF in electronic correspondence dated May 1, 2013 (Appendix H).

6.11.5.4 Non-PCB Transformer Oil Leak: VAP H13941-005

Information regarding the assessment and remediation of the following non-PCB transformer oil leak was obtained from the Focused Site Investigation Report (E2 ManageTech, 2012).

On May 12, 2011, two underground cooling lines associated with the EPS Unit 5 transformer leaked, releasing approximately 400 gallons of non-PCB transformer oil to the ground. The cooling lines are located immediately adjacent to the east side of Unit 5. Upon discovering the leaks, Cabrillo Power I LLC personnel contacted the DEH to report the incident (VAP H12941-005) and took necessary actions to repair the leaking lines. The area of EPS Unit 5 is shown in Photos 13 through 16 (Appendix A).

Approximately 20 yd³ of soil was excavated from an area measuring 20-feet by 4-feet by 7-feet that surrounded the leaking cooling lines. Excavated soil was placed in waste storage bins for subsequent characterization and disposal. Twelve confirmation soil samples were collected from the bottom and sidewalls of the excavation, and three characterization soil samples were collected from the stockpiled soil stored in the containment bins.

Each soil sample was analyzed for the presence of PCBs (EPA Method 8082), VOCs (EPA Method 8260B), Title 22 Metals (EPA Method 7471A and 6010B), and TPH-g, TPH-d and TPH-o (EPA Method 8015/8015M). Analytical results indicated that PCBs, TPH-g, and TPH-d were not detected in these soil samples at concentrations above laboratory reporting limits. As such, these analytes were not considered as COCs for the investigation and remediation. Analytical results indicate that the heavy metals present in the soil samples appear to represent background conditions for the detected metals and do not appear to be associated with the released transformer oil. Heavy metals were not considered as a COC for the investigation and remediation.

For the soil samples collected within the trench, concentrations of TPH-o ranged from below detection limits to 38,000 mg/kg. Analytical results indicated that three confirmation samples contained levels of toluene, naphthalene and total xylenes that were above the detection limit but less than the threshold values of USEPA Region 9 PRG and Recommended Screening Level.

Results of the emergency response actions that were previously implemented indicate that the released transformer oil migrated in a down gradient (easterly) direction from where the release occurred. Six samples were collected up gradient from the estimated point of release. Analytical

results associated with these soil samples indicated that PCBs, VOCs, and TPH-g, TPH-d, and TPH-o were not detected. Based on these results, it was determined that the western boundary of the impacted area was defined.

To further evaluate the lateral and vertical extent of the transformer oil release down gradient of the release area, seven soil borings were advanced using a hand auger and soil samples were collected at depths ranging from four to 11 feet bg. A total of 14 soil samples were analyzed for VOCs, TPH-g, TPH-d, and TPH-o, and three of these samples were also analyzed for PAHs. Analytical results indicated that VOCs, PAHs, TPH-g, and TPH-diesel found above detection limits. Results showed that detected levels of TPH-o ranged from 3,700 to 32,000 mg/kg.

The toxicity potential of petroleum products, such as transformer oil, is typically gauged based in its contents of potentially toxic compounds. The most toxic compounds present in petroleum products are BTEX, naphthalene, and the PAH family of chemicals. Soil sample analytical results showed that only trace amounts of toluene, xylenes, and naphthalene were found following the initial release, but not during the additional soil sampling. The concentrations of those chemicals were found to be well within levels known to pose no significant health risk and thus acceptable to California health and environmental protection agencies. Based on the analytical results, it was concluded that the transformer-oil residue at the site is likely made of low-toxicity, low-mobility petroleum hydrocarbons. Low-toxicity and low-mobility hydrocarbons can be left in place as they do not pose a significant health risk.

Because VOCs and PAHs were not detected above the practical quantitation limits, it appears that the spilled transformer oil has low-toxicity and low-mobility, and there appears to be no unacceptable risk to human health resulting from this transformer oil release.

The lateral extent of TPH impacts have been delineated south and west of the release. The samples collected north of the release and at depth showed detectable concentrations of TPH-o; however each of these detections was below the maximum detected concentration found in the samples collected following the initial release. Based on these analytical results and the lack of risk to sensitive receptors, further investigation and remediation were not deemed by Cabrillo Power I LLC to be warranted.

This case remains open with the DEH.

7.0 ENVIRONMENTAL DATABASE RECORDS

SGI contracted EDR to review government databases for information regarding hazardous chemical use and reported environmental conditions at the site and areas within a one-mile radius of the site. The greatest potential for subsurface soil contamination on site would result from historical use of hazardous chemicals either at the site or adjacent properties. The potential for contamination of ground water beneath the site could result not only from activities historically performed on site or at adjacent properties, but also from properties located further away. Hence, the search radius selected for each of the reviewed databases was based on ASTM and AAI standards.

A copy of the resulting EDR-Radius Map with GeoCheckTM report is provided as Appendix I. A summary of the environmental database report findings is presented in Table 7.

The site appears on the following reviewed government databases: RGA Lust, ERNS, HAZNET, CHMIRS, EMI, San Diego Co. HMMD, WDS, WMUDS/SWAT, Toxic Pits, Hist FTTS, FINDS, Hist UST, SWEEPS UST, RCRA-LQG, US AIRS, NPDES, SLIC, AST, ENF, EMI, San Diego Co. SAM, and TSCA. Approximately 17 nearby facilities located within a 1-mile radius of the site appear on the reviewed government databases. The adjacent SDG&E Cannon Substation does not appear separately on the reviewed government databases, and this facility may share a location address with the SDG&E O&M Yard, which does appear separately on the reviewed databases. The Agua Hedionda Pump Station, which is located on the site, also appears on the reviewed databases. Other nearby facilities that are listed in the report are not thought to have negatively impacted the EPS due to local topography, distance from the site, and/or the nature of the identified environmental concerns at those sites.

7.1 Database Findings for EPS

The site listing on multiple governmental databases is due its status as both a historic and an active power-generating facility. The site appears on the RCRA-Large Quantity Generators (LQG) list due to the volume of hazardous waste disposed of from the site. The CA HAZNET listing is associated with removal and disposal of hazardous and regulated substances from the site, and with removal and disposal of soil and liquids from the site associated with site assessment or remediation activities in from 1993 through 2007. The site appears on the FINDS list due to the site's appearance on the RCRA and TSCA lists. The CHMIRS listings are associated with the ERNS listings, and listings from 2007 through September 2014, are discussed in section "6.11.5.1 Emergency Response Events."

The site appears on the NPDES, WMUD/SWAT, WDS, and ENF lists because the site maintains an NPDES permit for discharge of cooling water. The site appears on the RGA LUST list due to information obtained in 2003. The Hist UST, and SWEEPS UST listing date from 1988 and may include information about USTs present on the adjacent SDG&E O&M Yard. The EMI and US AIRS listings reflect the historic reporting of air emissions to the San Diego County Air Pollution

Control District. The FTTS listing indicates a site inspection occurred in 1987 for PCB usage, and the Hist FTTS listing indicates at least one other previous site inspection for PCB usage has occurred at the site. The San Diego County HMMD listing reflects information provided to the county regarding hazardous/regulated materials use on site and disposal of hazardous/regulated wastes from the site and reflects the results of a 2012 site inspection. The Toxic Pits listing reflects site assessment and remediation activities completed in 1987. The SLIC listing reflects the three closed and two open cases with the DEH under the authority of the RWQCB. The AST listing indicates that NRG has reported over 30,000,000 gallons are maintained in ASTs on site. The San Diego Co. SAM listing reflects the three closed VAP cases and one of the open VAP cases.

7.2 Database Findings for Adjacent and Nearby Facilities

7.2.1 Adjacent Property to the Southeast (San Diego Gas & Electric Cannon Substation)

Prior to 2000, the site and the adjacent SDG&E Cannon Substation were considered to be part of the same facility. Hence, some of the historic database references to 4600 Carlsbad Boulevard could apply to this offsite SDG&E facility. However, no address is known to be associated with the facility and no database listings were found specifically for this facility.

7.2.2 Adjacent Property to the South (SDG&E O&M Yard)

Prior to 2000, the site and the adjacent SDG&E O&M Yard were considered to be part of the same facility. Hence, some of the historic database references to 4600 Carlsbad Boulevard could apply to this offsite SDG&E facility.

Currently, the address of 5016 Cannon Road is used for the O&M Yard. The facility address appears on the Hist UST, SWEEPS UST, UST, RCRA-SQG and FINDS databases and on EDR's proprietary list of historic automotive stations. The Hist UST and SWEEPS UST lists report the presence of three USTs: a 1,000-gallon diesel UST, a 10,000-gallon unleaded gasoline UST, and a 1,000-gallon waste motor oil UST. The listing on the FINDS and the RCRA-SQG databases indicates that materials are disposed of under manifest from this location and that the facility maintains a USEPA identification number for this purpose. Historic notices of violation from 1992 and 1993 have been cleared.

7.2.3 Agua Hedionda Pump Station

The Agua Hedionda Pump Station is location within the EPS, north of the East Tank Farm and adjacent to Middle Agua Hedionda Lagoon. This facility is the responsibility of the City of Carlsbad and is not included as part of the subject site. The facility appears on the SWEEPS UST and San Diego Co. HMMD databases because a product UST is maintained there.

8.0 VAPOR INTRUSION AND VAPOR ENCROACHMENT SCREENING

Vapor-phase, man-made volatile chemicals from sources such as solvents and petroleum fuel hydrocarbons are known to migrate in the subsurface independent of the original release areas. According to the USEPA, "vapor intrusion" is defined as the migration of volatile chemicals from contaminated ground water or soil into an overlying building. Hence, evaluation of vapor intrusion identifies on-site contamination sources. "Vapor encroachment" is defined as the migration of vapor-phase chemicals beneath the site from off-site soil and/or ground water plumes of volatile chemicals. By definition, vapor encroachment screening does not consider the migration of naturally-occurring vapors (e.g. radon or methane) in the subsurface.

8.1 Vapor Intrusion

Based on SGI's review of the previous environmental investigation reports, it does not appear that a soil gas survey has historically been performed at the site. Soil samples collected from the site have been analyzed for VOCs. Areas containing significant quantities of VOCs have generally also contained significant quantities of TPH, and these TPH-containing soils have largely been removed from the site. Vapor migration modeling for residual TPH-containing soil left in place in the vicinity of the desalination plant indicated that a cancer risk of 1 x 10⁻⁶ and a non-carcinogenic hazard index of 1 were not exceeded for TPH-d (Rincon, 2013). (See section 6.11.3 "Site Assessment and Remediation Activities Since 2007" for further discussion.) Groundwater beneath the site is known to contain detectable levels of VOCs (Rincon, 2014). These detected VOCs have been found in relatively low concentrations, and migration of potential vapors from groundwater up through the vadose zone is thought to be insignificant for the subject site.

8.2 Vapor Encroachment Screening

The purpose of vapor encroachment screening is to identify off-site releases in the near vicinity of the subject site and evaluate the likelihood of man-made vapors migrating beneath the subject site. The presence or likely presence of vapors of any COC constitutes a vapor encroachment condition (VEC). The ASTM standard for this screening (E2600-10) uses a two-tiered approach. Tier 1 of vapor encroachment screening uses state and federal database records to identify those sites with the potential to affect subsurface vapor conditions. If a VEC cannot be ruled out, a Tier 2 screening is warranted. Tier 2 begins with a non-invasive records review; however, if plume information is not available or if a VEC cannot be ruled out non-invasively, a Phase II subsurface investigation is required to resolve the question.

The adjacent SDG&E O&M Yard is a location where diesel, gasoline, motor oil, and automotive chemicals are stored and used. SGI is not aware of historic releases of regulated or hazardous substances to the subsurface at this facility; however, the potential exists for future releases. Based on Tier 1 screening information, a <u>VEC cannot be ruled out</u>. However, in our professional opinion, it is unlikely that a significant VEC exists at the site. Due to historic site use and to the size of the

EPS, it is much more likely that the site would be historically impacted by on-site activities than by vapor migration from off-site sources.

9.0 PROPOSED SITE IMPROVEMENTS

The Poseidon desalination plant construction is currently underway. At the time of the site visit, pipelines for the desalination plant were being laid in the northwestern part of the site. No additional structures in the vicinity of the desalination plant that are currently slated for demolition.

Additional structures at the EPS are slated for eventual removal or demolition at the site as part of the CECP. Purpose of the CECP is to construct a new energy-supply facility, and the proposed construction will occur on a 23-acre part of the site, which is currently occupied by the East Tank Farm. Planned CECP activities will involve the demolition and removal of the aboveground portions of Tanks 5, 6 and 7 as well as the associated aboveground piping and control systems. No ground disturbance (i.e. excavation for new construction) is proposed as part of this project (CH2M Hill, 2014).

A Demolition Waste Management Plan (WMP) has been prepared to address the demolition of Tanks 5, 6 and 7 and the removal of associated aboveground pipelines and aboveground control systems (CH2M Hill, 2014). This Demolition WMP was prepared in accordance with Condition of Certification – WASTE-5 as adopted by the California Energy Commission's (CEC's) June 2012 Final Commission Decision for CECP (07-AFC-06C). The Demolition WMP identifies the anticipated waste streams and describes the waste management procedures to be used during the project. It specifically addresses the generation and characterization of waste, onsite storage and handling, waste discharge, offsite shipment, and disposal and recycling of solid and liquid wastes, including sanitary waste, generated at the project site.

Prior to the start of construction of the CECP, a Construction WMP will be prepared and submitted to the CECP Construction Compliance Manager (CPM) and Chief Building Official (CBO) to address full construction of the CECP.

10.0 DATA GAPS

The following data gaps have been identified during the course of this investigation:

- Historically, the site was used as a military reservation and as a rubber plant prior to development as a power plant. Additional information about potential hazardous materials used by the military reservation and the rubber plant was not available. The portion of the site that was occupied by these uses was redeveloped in the 1950s, and the power block and associated areas now occupy this part of the site. However, analytical results from the site-wide investigation in 1998 did not indicate that this part of the site required additional investigation.
- Anecdotal evidence indicates that a former UST may have been located in the general storage area east of the power block.

With regards to these data gaps, SGI believes that the most significant potential sources for on-site contamination have been identified during the current investigation. While these data gaps represent unknowns regarding environmental site conditions, the current investigation has established that a number of CRECs and RECs exist at EPS. The full extent of suspected contamination beneath the site in areas with structures and/or equipment, such as the vicinity of the power block, has not been defined at the site.

11.0 FINDINGS

The site consists of the Encina Power Station at 4600 Carlsbad Boulevard, Carlsbad, California (APN 210-01-46). Prior to the development of the power plant for SDG&E in the 1950s, the site was used for agricultural fields and the southwestern part of the site was used for a military reservation and a rubber plant. Before Cabrillo Power LLC purchased the site in 1999, the adjacent SDG&E Cannon Substation and O&M Yard shared the site address and were part of the power plant facility.

Hazardous and regulated substances are used, stored, and disposed of from the site. Engineering controls are in place to restrict and monitor the use, storage and disposal of these substances. The six fuel oil ASTs at the site are out of service. Additional ASTs at the site are used for wastewater storage. No USTs are currently present on site.

Based on site observations and review of site history, a number of controlled recognized environmental conditions (CRECs) and recognized environmental conditions (RECs) have been identified at the site. ACBM, LBP, and PCBs have been identified at the site and are managed by the environmental department. PCBs have historically been removed from the EPS transformers. PCBs are present in bushings within the SDG&E switchyards. Radioactive manmade materials (i.e. tritium-containing exit signs) have not been identified at the site but may be present; if found to be present, they will be managed by the environmental department. Radon does not appear to be significant issue of concern for the site.

The site appears on numerous environmental databases due to historic site activities and current site use. The site remains under regulatory guidance for site assessment, remediation, and monitoring. Activity and use limitations (AULs) have not been identified for the site; however, the site is zoned for use as a public utility and future plans involve using the site for public utilities.

11.1 Historic Recognized Environmental Conditions (HRECs)

According to the ASTM-E1527-13 standard, a historic recognized environmental condition (HREC) is "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls). Before calling the past release an HREC, the EP must determine whether the past release is a REC at the time the Phase I ESA is conducted (e.g., if there has been a change in the regulatory criteria). If the EP considers this past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC."

Historic remediation activities at the site have used site-specific clean up goals and/or clean up goals for industrial properties. Because the intention of previous site remediation was not to clean

up the site for residential use, previous RECs which have been addressed at the site to the satisfaction of the regulatory authorities are considered to be CRECs and not HRECs by definition.

11.2 Controlled Recognized Environmental Conditions (CRECs)

According to the ASTM-E1527-13 standard, a controlled recognized environmental condition (CREC) is "a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls)... a CREC shall be listed in the Findings Section of the Phase I ESA report, and as a REC in the Conclusions Section of the...report."

CRECs at the site include the three closed VAP cases (H13941-001, -002, and -003), which include assessment and remediation of a number of locations on the site including but not limited to:

- Former diesel UST (closed VAP H13941-003)
- Tank 7 remediation
- Excavation north of Tank 1
- Prout's Pond

11.3 Recognized Environmental Conditions (RECs)

According to the ASTM-E1527-13 standard, a recognized environmental condition (REC) is "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."

By definition, RECs at the site include the two open VAP cases (H13941-004 and -005), which include assessment and remediation of a number of areas on the site including:

- Excavation within the desalination plant footprint where remediation is essentially complete
 and awaiting agency closure (VAP H13941-004). This area includes the locations of the
 following former structures: cutter oil tank, Tank 3, three diesel ASTs, and WWTS.
- Excavation outside of the desalination plant (where additional areas with diesel-containing soils are being defined, excavated, and monitored) (VAP H13941-004).
- Transformer release in 2011/2012 in the area of power block Unit 5, (VAP H13941-005).

Other RECs at the site include the following areas:

- **Power Block**. Assessment in this area is incomplete due to the presence of active equipment in the area of concern (including Unit 5). The former military reservation and the former rubber plant also occupied this part of the site.
- Switchyard with PCB bushings.
- Tanks 1 & 2 (West Tank Farm). Removal of tank contents and oil-containing sand layer beneath tanks anticipated in the future.
- <u>Tanks 4, 5 and 6</u> (East Tank Farm). Removal of tank contents and oil-containing sand layer beneath tanks anticipated in the future.
- <u>Tank 7</u> (East Tank Farm). An estimated 12 yd³ TEH soil remains in place under an aboveground pipeline and 4 yd³ TEH soil remain under concrete-lined v-ditch. Removal of the tank and an oil-containing sand layer beneath Tank 7 are scheduled as part of the CECP to occur in 2014 through 2015.
- <u>Asbestos-containing materials</u>. ACBMs have been identified on site, and are managed prior to building/structure demolition or renovation.
- <u>Lead-based paint surfaces</u>. LBP surfaces have been identified on site, and are managed prior to building/structure demolition or renovation.

12.0 DISCUSSION AND RECOMMENDATIONS

According to American Society for Testing and Materials (ASTM) Standard of Practice E1527-05, a recognized environmental condition (REC) is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

A number of RECs have been identified for the site in association with historic and current on-going site operations. It has been demonstrated that the subsurface beneath the site has been impacted by historic on-site operations. Some of these areas have been the subject of investigations and clean-up activities. SGI recommends that the client continues performing investigations and clean-up activities as parts of the site are redeveloped and older structures and equipment are removed from the site. SGI also recommends that the client continue to manage identified hazardous and regulated substances in accordance with applicable laws and regulations. These substances include chemicals used by power plant operations, residual fuels in ASTs and associated piping, hazardous and regulated wastes, ACBM, LBP, and PCBs.

According to ASTM E2600-10, the goal of conducting a vapor encroachment screening on a parcel of property is to identify a vapor encroachment condition (VEC), which is the presence or likely presence of chemicals of concern vapors in the subsurface of the target property caused by the release of vapors from contaminated soil or groundwater near the target property as identified by Tier 1 or Tier 2 procedures. Based on the data presented in this report, a VEC cannot be ruled out. However, in our professional opinion, it is unlikely that a significant VEC exists at the site.

Opinion

Based on the information gathered in this inquiry it is my opinion that conditions indicative of releases of hazardous substances have occurred on the subject site. No HRECs were defined during the inquiry. A summary of CRECs and RECs identified in this inquiry are provided in the Findings presented in Section 11.0.

13.0 LIMITATIONS

This document was prepared for the exclusive use of the Carlsbad Energy Center LLC for the express purpose of complying with a client- or regulatory directive for environmental investigation or restoration. SGI and Carlsbad Energy Center LLC must approve any re-use of this work product in whole or in part for a different purpose or by others in writing. If any such unauthorized use occurs, it shall be at the user's sole risk without liability to SGI or Carlsbad Energy Center LLC. To the extent that this report is based on information provided to SGI by third parties, including Carlsbad Energy Center LLC, their direct contractors, previous workers, and other stakeholders, SGI cannot guarantee the completeness or accuracy of this information, even where efforts were made to verify third-party information. SGI has exercised professional judgment to collect and present findings and opinions of a scientific and technical nature. The opinions expressed are based on the conditions of the Site existing at the time of the field investigation, current regulatory requirements, and any specified assumptions. The presented findings and recommendations in this report are intended to be taken in their entirety to assist Carlsbad Energy Center LLC personnel in applying their own professional judgment in making decisions related to the property. SGI cannot provide conclusions on environmental conditions outside the completed scope of work. SGI cannot guarantee that future conditions will not change and affect the validity of the presented conclusions and recommended work. No warranty or quarantee, whether expressed or implied, is made with respect to the data or the reported findings, observations, conclusions, and recommendations.

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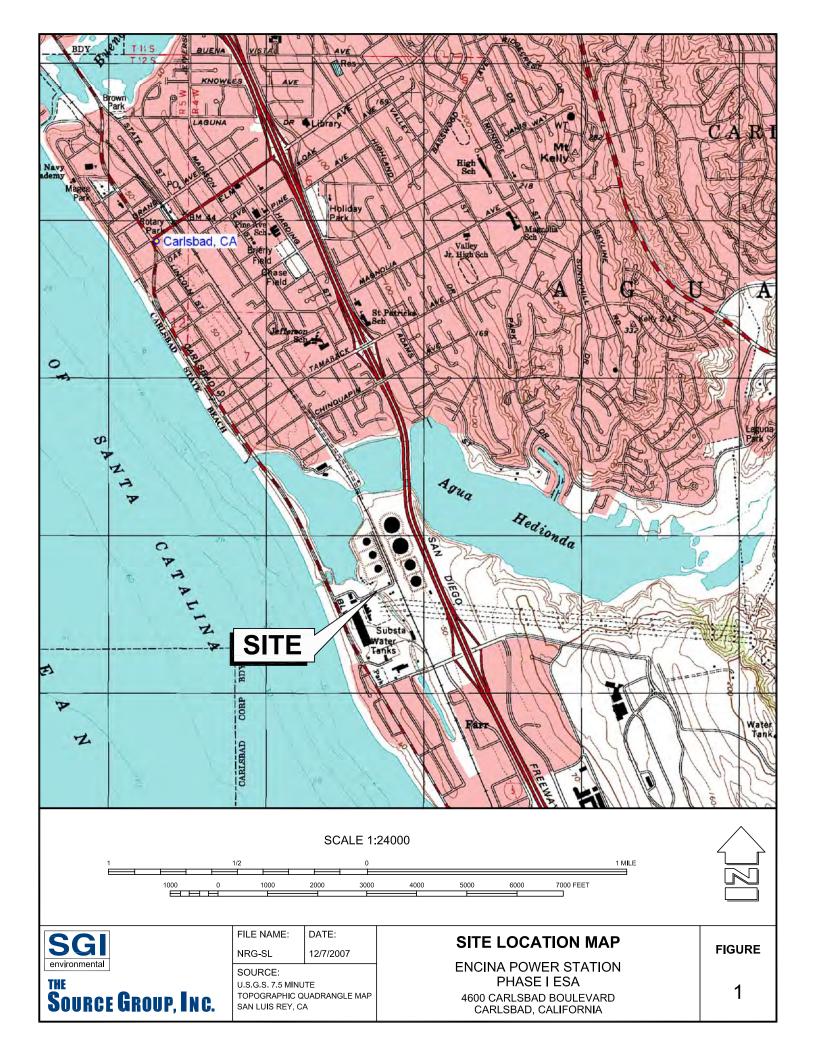
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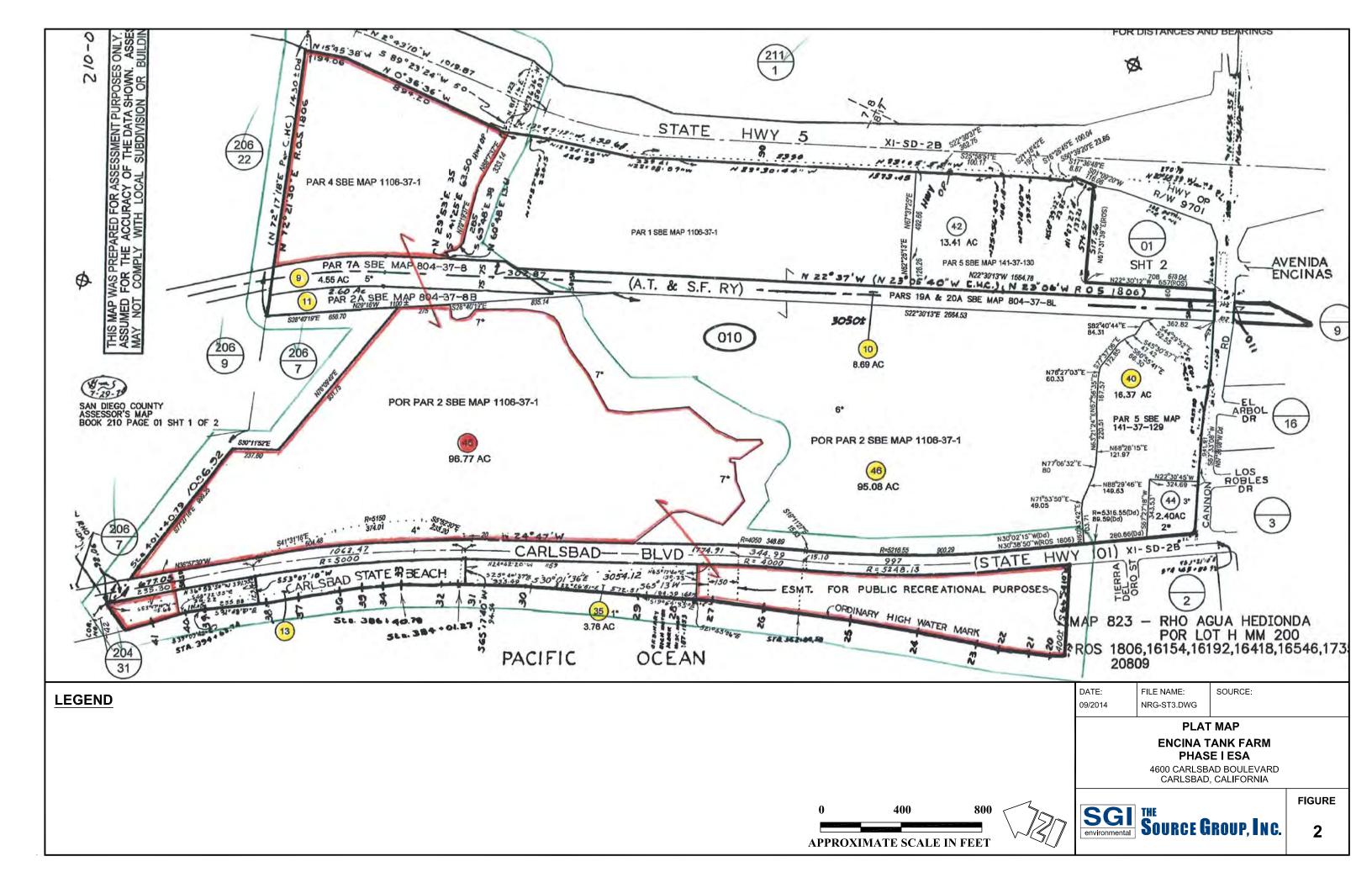
15.0 PROFESSIONAL DECLARATION

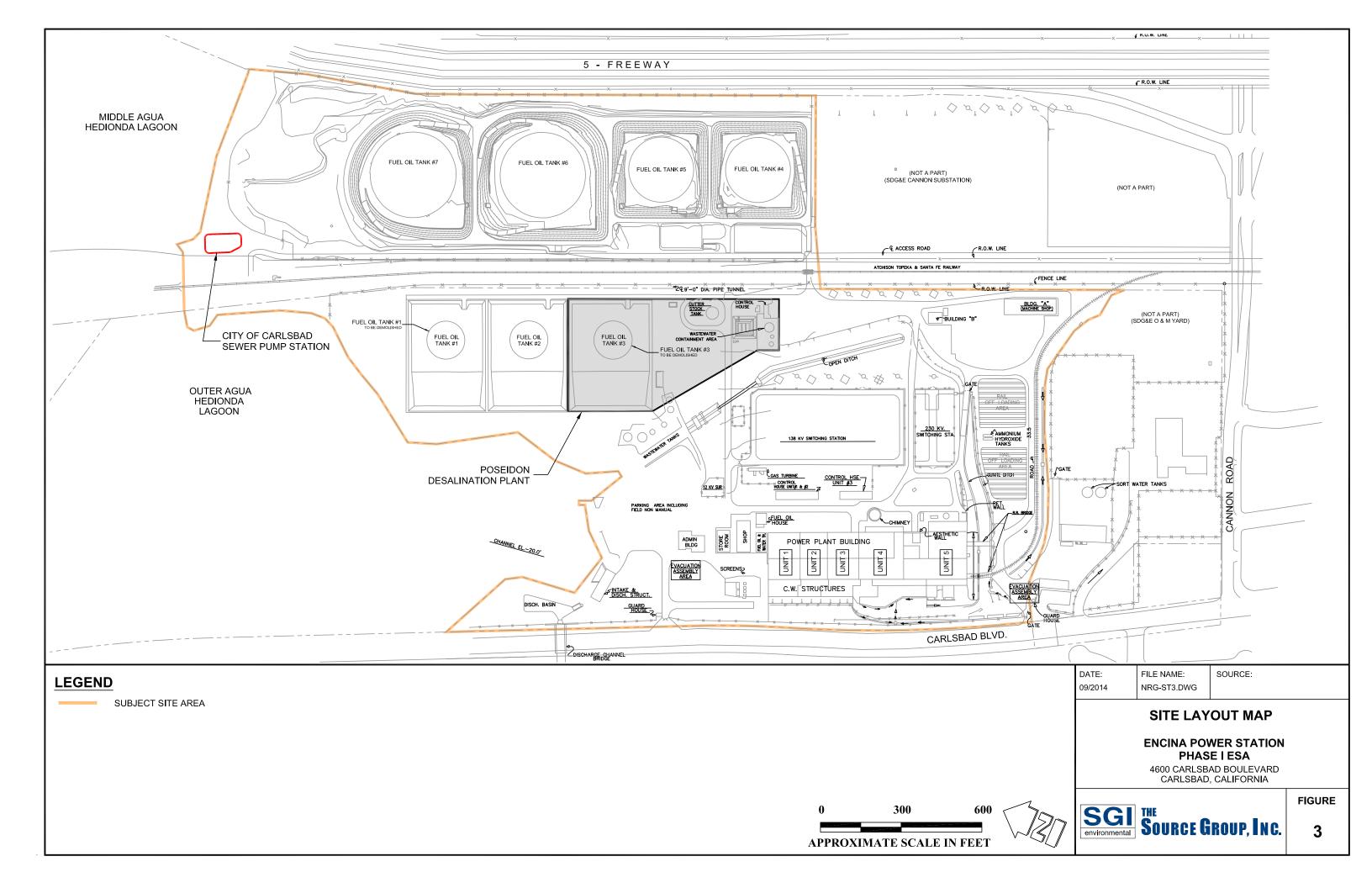
I declare that, to the best of my professional knowledge and belief, I meet the requirements of Environmental Professional as defined in 40 CFR 312.10 of this part.

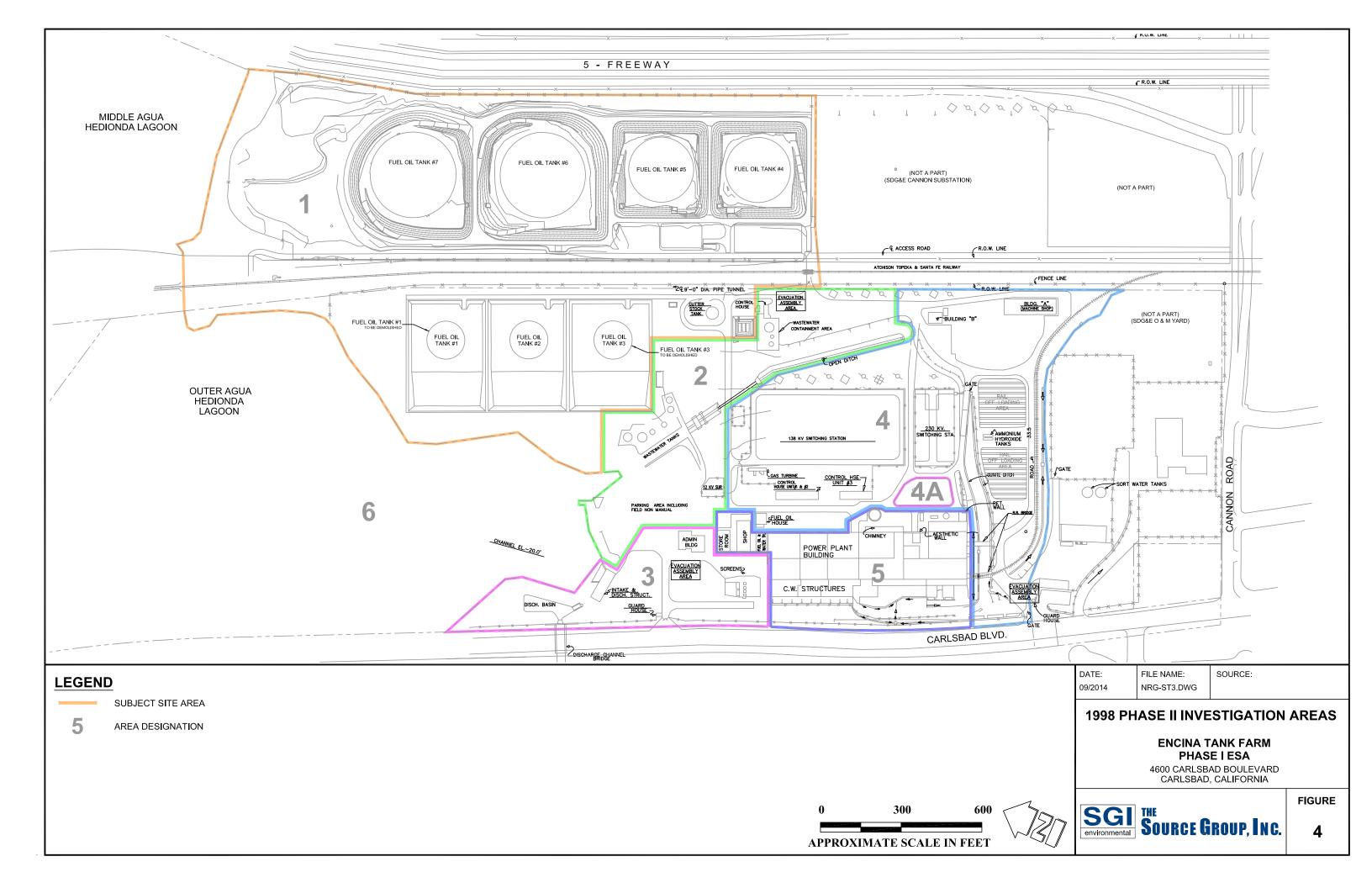
I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

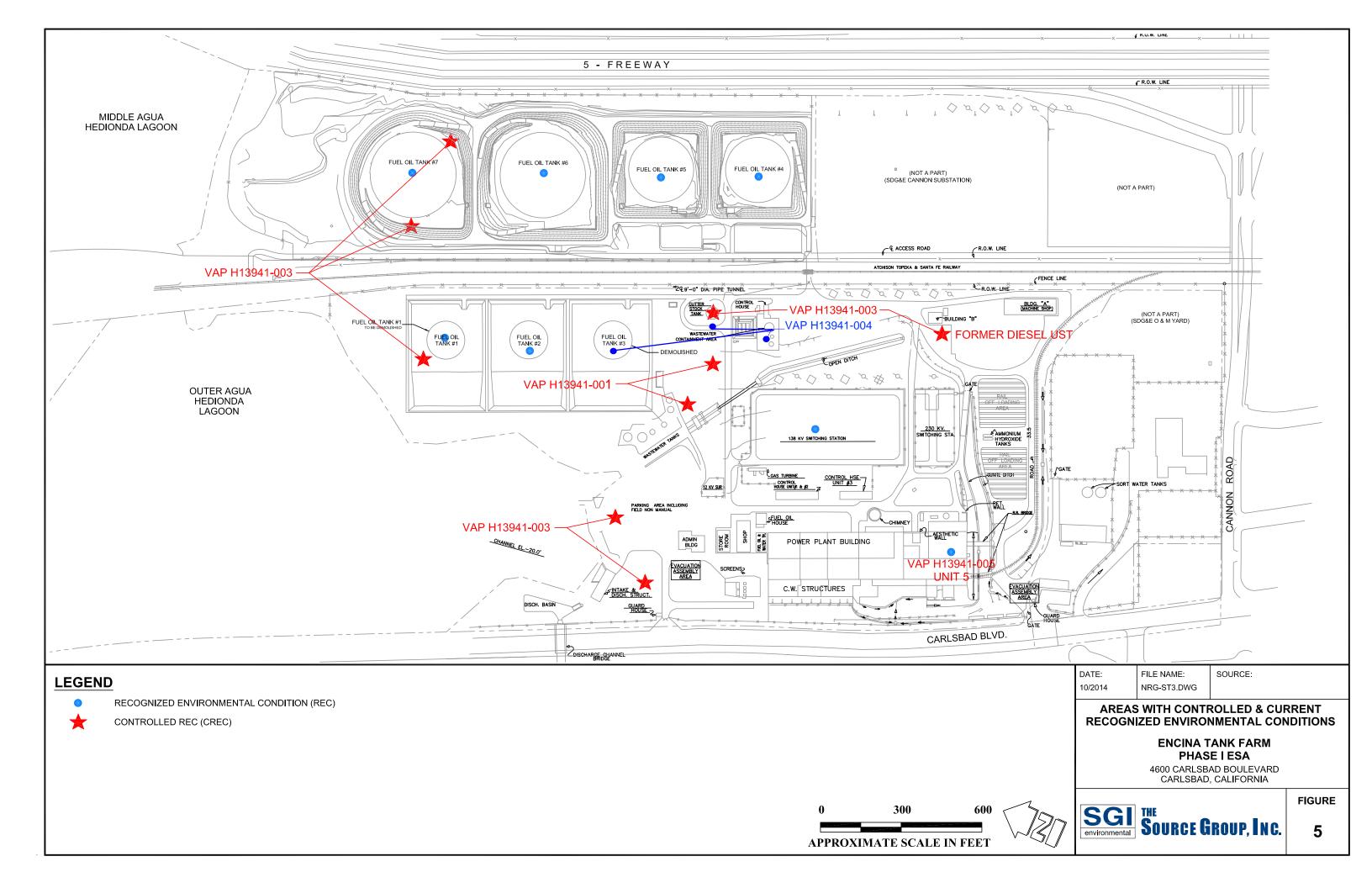
FIGURES











TABLES

TABLE 1
Summary Description of Site and Adjacent Properties

Location	Description	Main Land Use	Zoning
Site	- East Tank Farm	APN 210-01-46	P-U
	- Encina Wastewater	4600 Carlsbad Blvd.	
	Authority Lift Station	Encina Power Station	
	(leased property - no		
	access)		
	- Power Plant and		
	Switchyards		
	- Gas Turbine Unit		
	- West Tank Farm		
	- Wastewater Treatment		
	Plant		
	- Desalination Plant		
	(leased property)		
	- Carlsbad Aquafarms		
	(leased property - no		
A ali a a a a 4	access)	Decreational Heat Feelerical December	00
Adjacent	Agua Hedionda Lagoon Recreational Use; Ecological Reserve		os
to North	(outer, middle, and inner)	Transportation consider	T-C
Adjacent to East	Interstate 5	Transportation corridor	1-0
IO Easi			
Further to	Agricultural fields	Agricultural	P-U
East			
Adjacent	SDG&E Cannon	Industrial, commercial	P-U,
to	Substation; Restaurants &		C-T-Q
Southeast	hotel		
Adjacent	SDG&E Operations &	Industrial	P-U
to South	Maintenance Yard		
Adjacent	Carlsbad Boulevard	Transportation Corridor	na
to West			
Further to	Beach and Pacific Ocean	Recreational	OS
West			
Easement	railroad	Transportation Corridor	T-C
Through			
Site			

Notes:

Areas with no access are excluded from the evaluation for recognized environmental conditions. Areas evaluated for recognized environmental conditions indicated in **bold** font.

TABLE 2 **Solid Waste Management Units**

SWMU Name Material Managed		Volume Managed	Purpose of SWMU	Status of SWMU
Asbestos waste storage Asbestos		Variable	Storage	Open ^{1,2}
Waste oil storage	Waste oil	1,300 gallons/month	Storage	Closed 1,2
Fuel additive temporary storage (dredge shop)	Fuel additives	2 x 55-gallon drums	Storage	Open ^{1,2}
Hazardous waste storage area Motor oil, transformer oil, waste vehicle fluids		1,000 gallons waste oil, 110 gallons waste fluids	Storage	Open ¹ , permitted

Notes:

no sampling conductedSWMU NOT PERMITTED

TABLE 3
Inventory of Aboveground Tanks (AGTs)

Material Stored	Tank Location	Quantity/Capacity of Each
Fuel Oil (Bunker C or No. 6)	East Tank Farm and West Tank Farm	Tanks 1 & 2: 5,502,000 gal. Tanks 4 & 5: 10,500,000 gal. Tanks 6 & 7: 18,900,000 gal. (residual oil-out of service)
Former Fuel Oil (Bunker C or No. 6)	West Tank Farm	Tank 3: 5,502,000 gal.
Fuel Oil (Bunker C or No. 6)	Pump pit west of Tank 5 (pump pit slop tank)	One tank: 435 gal. (residual oilout of service)
Former Displacement Oil (diesel/fuel oil mixture)	West Tank Farm	One cutter oil tank: 336,000 gal.
Former Diesel Fuel Oil	West Tank Farm	Three tanks: 20,000 gal.
Liquid Caustic Soda	East of Unit 4 and at WWTP	One tank (Unit 4): 6,000 gal. One tank (WWTP): 4,000 gal.
Liquid Sulfuric Acid	East of Unit 4 and at west side of WWTP	One tank (Unit 4): 6,000 gal. One tank (WWTP): 900 gal.
Fuel Oil Additive (calcium nitrate)	East side of Unit 5	One tank: 6,000 gal.
Used Oil Recycling (lube oils, fuel oils)	East of Unit 4, near stack	One tank: 600 gal. (residual oilout of service)
Diesel	Within skid-mounted emergency generator set in building	One tank: 60 gal.
Diesel	West side of Unit 4	One tank: 150 gal.
Diesel	Storage yard, east of Maintenance Building	One portable tank: 120 gal.
Hydrochloric Acid	At reverse osmosis unit	One tank: 700 gal.
Low-Volume Wastewater (LVW)	LVW WWTP	Two surge tanks: 56,000 gal.
Demineralizer Regenerant & Reverse Osmosis Membrane Cleaning Water	East of Unit 5, adjacent to reverse osmosis unit	One tank: 43,750 gal.

Material Stored	Tank Location	Quantity/Capacity of Each
Metal-Cleaning Wastewater (MCW) Collection	WWTP	Two collection tanks: 357,000 gal.
Metal-Cleaning Wastewater (MCW) Process	WWTP	Six process tanks: 735 to 121,830 gal.
Treated Wastewater	WWTP	Two tanks: 95,000 gal.
Sodium Hypochlorite	West side of plant at cooling water deck	Two tanks: 5,000 gal.
Ammonium Hydroxide	South side of plant	Two tanks: 10,000 gal.

Notes:

Former tanks indicated by *italics*.

WWTP = Wastewater Treatment Plant.

Information obtained from CH2M Hill, 2007, and E2 ManageTech, 2014.

TABLE 4
Site Release History

Location	Date	Material/Volume	Action Taken		
1 Tank Farms and Imp	1 Tank Farms and Impoundment Basin				
Fuel Oil Tank #3 relief valve, west side of tank	4/20/70	No. 6 fuel/200-300 bbl	Mixed with soil and used for paving sump berm.		
Fuel Oil Tank #2, floor	July 1971	No. 6 fuel/6 bbl	Mixed with sand and 7 drums of soil disposed. Tank removed from service and floor sealed with fiberglass in 1979.		
Fuel Oil Tank #2, leak from base tank	3/27/79	No. 6 fuel/1 bbl	Documentation of actions taken not found.		
Fuel Oil Tank #2, leak in hose	11/13/79	No. 6 fuel/1 bbl	Absorbed with sawdust.		
Fuel Oil Tank #2, leak	10/23/82	No. 6 fuel/small amount	Tank repaired.		
Fuel Oil Tank #2, leak due to failure of floor coating	October 1984	No. 6 fuel/quantity unknown	Tank operated at reduced levels/head to prevent leakage. Tank removed from service July 1987.		
Fuel Oil Tank #2, tank floor west side	1985	No. 6 fuel/~3 bbl	Mixed with sand, 5 drums of soil disposed and tank taken out of service. Double bottom floor installed in 1984 and tank returned to service.		
Fuel Oil Tank #2, floor leak when oil level >20'	February 1987	No. 6 fuel/~50 bbl	Oil removed from tank.		
Fuel Oil Tank #1, tank floor east side	9/19/92	No. 6 fuel/~40 bbl	Mixed with sand and 110 yd³ soil disposed. Tank taken out of service.		
Fuel oil pump pit, fuel oil strainer southeast side	10/5/92	No. 6 fuel/2,000 gal	Mixed with sand and 7 drums of soil disposed.		
Fuel Oil Tank #3, floor leak	December 1993	No. 6 fuel/~80 bbl	Mixed with sand and 210 yd³ soil disposed. Tank taken out of service.		
Fuel Oil Tank #5, pressure surge through floating roof sand	9/17/94	No. 6 fuel/~6 bbl	Washed off side of tank and excavated 10 drums of soil removed.		
Valve platform; vent pipe, fuel oil strainer	11/17/97	No. 6 fuel oil/10 gal	Oil cleaned up and vent line replaced		
2 Process Treatment Area and Open Ditch					

Location	Date	Material/Volume	Action Taken
Prout's Pond Bunker C Oil release; break in supply line	1954	Bunker C/190-240 bbl	Oil recovered from Prout's Pond, transferred to the gulley north of Fuel Oil Tank 1 and topped with sand. In 1995, excavated and disposed 1,600 yd³ impacted soil.
Pipeline rupture between tank farms and power plant	4/1/78	Bunker C/42 gal	Fuel oil flowed over rain soaked ground to storm drain and hence to Agua Hedionda. Cleaned up.
4" fuel oil return line for Tank 3 failed at about 75 feet from valve platform	9/28/65	No 6 fuel oil-5 gal	Oil recovered from permanent boom in drainage channel which prevented flow into lagoon. Soil excavated.
8" Low Volume Wastewater (LVW) line between plant and ponds broken in parking lot, some loss to the stormwater system	4/15/86	LVW with 0.5 ppm grease and oil, 19.3 ppm TSS/3,900 gal	4" line repaired.
Pipe breaks in LVW discharge from Pond 2	11/5/55 3/3/89 5/19/89	LVW with 0.9-1.1 ppm grease and oil, 1,000 gal 1,800 gal 1,500 gal	Water drained to storm water channel and Agua Hedionda. Pipe repaired.
LVW discharge pipeline, 75' SW of the valve platform. Some loss to the stormwater system	2/5/91	LVW with 0.5 ppm grease and oil/1,5000 gal	Line repaired.
8" LVW line between plant and ponds broken in parking lot, some loss to stormwater system	1/2/98	LVW with 4.1 ppm grease and oil, pH 8.65/17,0000 gal	8" line repaired
Tank farm to power plant fuel oil line, south of wastewater tanks	4/7/97	No. 6 fuel oil/680 gal	Mixed with soil, cleaned up with shovels, filled 30 drums.
Tank farm to power plant condensation line, south of wastewater tanks and adjacent to storm drain	5/20/97	No. 6 fuel oil/2 gal	Condensate water and No. 6 fuel oil entered storm drain and then lagoon. Boom contained fuel oil. Cleaned up.
4 Operation Warehous	e and Construc	ction Yard	
Fleet UST area, south side Building B	4/18/84	Diesel/40 gal	Washed diesel down with water into storm drain. Oil containment boom placed in lagoon.
6 Power Plant	'	•	

Location	Date	Material/Volume	Action Taken
Sulfuric Acid Fuel Oil Tank	11/28/61	Sulfuric acid/280 gal	Drain in fill line frozen. Line drained via flange.
#5 northeast auxiliary transformer	11/26/62	PCB fluid/0.5 gal	Leak repaired.
Unit 6 piping	4/25/63	No. 6 fuel oil/quantity unknown	70' section of piping excavated to 10' and replaced.
Yard drain sump, south end of power plant	4/6/64	Turbine lube oil/20- 40 gal	Oil pumped from stormwater sump to drainage channel and hence into Agua Hedionda. Controlled by boom and cleaned up.
Unit 5 piping	September 1985	No. 6 fuel oil/~1 gal leak	Piping in area of trap vault replaced.
Transformer Unit 3 valve, Unit 3B valve	Prior to 1987	PCB oil/2 ft diameter	Visible stain removed with solvent; equipment replaced; wipe samples indicated <15 ug/100 cm³
IWT bulk storage tank	2/5/87	Neutralizing solution (pH-2)/40 gal	Added soda ash and placed in truck tank
No. 3 southeast, No 3 southwest plant transformers	8/31/87	PCB oil/staining	Valve repaired.
Unit 3 North 480V load center (west transformer)	5/12/88	PCB oil/staining	Oil cleaned up to <15 ug/100 cm³ by spreading absorbant
North load center	5/19/89	PCB oil/staining	Oil cleaned up to <15 ug/100 cm ³
Unit 5-8" and 4" fuel oil lines	1/19/93 to 2/1/93	No. 6/quantity unknown	30 yd³ soil removed and disposed. Lines placed inside vault.
Hose of the hydraulic system of the crane near cooling water intake bar rack structure. Some loss into cooling water	4/25/97	Hydraulic oil(Mobil DTE lubricating oil)/2 gal	Oil cleaned up.
Sulfuric acid tank	6/9/97	Sulfuric acid/20-25 gal	Loading valve into tank containment.
Cooling water inlet cross over gate	July 1997	PCB oil/quantity unknown	Gate steam cleaned until no PCBs detected.
All Areas Between 1998 and 2007			
Under sea mooring hose string	11/24/98	No 2 diesel/8 oz	Pin hole lead was stopped within 10 minutes. On Dec. 2, 1998 the Barge Jovalon flushed the diesel out of the piping without incident. All hoses and spool pieces were replaced.

Location	Date	Material/Volume	Action Taken
Underground pipe inside fuel oil tank containment area	3/15/2000	Residual fuel oil/90 gal	Oil was coming to the surface, high pour point oil, therefore no soil permeation. NRC, OES were notified. Courtesy notification to F&G, DEH, and Carlsbad Fire Department.
Fuel oil line in Tank 2 containment area	3/21/2001	Residual fuel oil/100 gal	As a result of maintenance operations, fuel oil line had been purged, but small amount was left in the line. It spilled when one of flanges was removed. Spill contained and cleaned up immediately. Oil was high viscosity, therefore no soil permeation. Required notifications done to NRC, OES, courtesy notification to F&G, DEH, and Carlsbad Fire Department.
Fuel oil Tank 3 secondary containment	5/22/2001	Residual fuel oil/100 gal	While moving out of service 12" fuel oil pipe line, residual No. 6 fuel oil spilled to secondary containment area. Environmental contractor cleaned up. Oil and contaminated soil placed into bins to be profiled and disposed of properly. Notifications completed.
Fuel oil Tank 6 secondary containment	6/9/2001	Residual No. 6 fuel oil/50 gal	Environmental contractor on site for clean up. Release was caused by booster pump check valve gasket failure. Pump closed, gasket replaced. Notified NRC, OES, DEH, F&G, Cabrillo Power Regional Plant Manager, Facility Response Coordinator.
Fuel oil Tank 2	7/16/2001	Residual No. 6 fuel oil/20 gal	Fuel oil Tank 2 developed a leak in the tank wall, 3' 4" from the top of the tank. Hole was 3/4" x 3/8" caused by corrosion. Pads were placed on the oil. Leak was stopped by transferring oil from Tank 2 to another fuel oil tank to lower the level beneath the leak. Environmental contractor called to site, made a small dike at the base of tank wall, and insulation completed by 7/17/2001. USCG inspected area on 7/16/2001. Proper notifications completed.
Fuel oil Tank 2	12/15/2001	Residual No. 6 fuel oil/15 gal	Roof drain hose leaked. Valve was closed. Agencies notified: NRC, OES, USCG, Cabrillo Power Regional Manager, and NRG North America
Cannon Rd. entrance to SDG&E NC Maintenance – storm drain south of plant, exact location not defined in spill report. Caused by SDG&E-owned vehicle carrying	7/2/2002	Non-PCB transformer oil/70 gal	Truck transporting transformers jackknifed and cargo fell in SDG&E parking lot. It was estimated that about 20 gallons reached the storm water conveyance system from Cannon Rd. to Agua Hedionda Lagoon. Foss Environmental cleaned ground spill. On

Location	Date	Material/Volume	Action Taken
transformers.			July 4, oil sheen was observed in lagoon. Foss Environmental was called for clean- up. Conveyance system was flushed. Oil absorbent boom and pad stations deployed. Continuous monitoring set up until no oil sheen was observed.
Agua Hedionda Lagoon	7/6/2002	Hydraulic fluid/1 gal	Anchor scow used to move the dredge to dock had a hole in the hull below the water line. Foss Environmental placed containment boom and absorbent boom around scow. At high tide, oil sheen observed on small part of south end of outer lagoon, by dredge dock inside containment boom area. Divers patched hole in scow, water was pumped out, scow moved to dock. Crane hired to remove scow from lagoon the next day. Sheen was completely clean with absorbent pads. Notifications to NRC, OES, F&G, RWQCB, Aqua Culture Farm, Cabrillo Power Regional Manager, Facility Response Coordinator, Manager of Environmental Services and NRG North America.
East fuel oil tank farm pump pit	2/24/2006	Residual No. 6 fuel oil/50 gal	Spill due to mechanical seal failure in east fuel oil tank farm pump pit. Pump valved out 21:12 and flow stopped at 21:15. NRC environmental services cleaned up oil that was contained in the pump pit. Notifications to NRC and OES completed.
All Areas Between 20	07 and Septer	nber 2014	
6-inch pipeline weld failure	9/17/2008	Fuel Oil No.6/50 gal.	Isolated valves, built dike, caught material in bin. No waterway impact. (ERNS report)
Lagoon, dredging equipment	11/10/2008	Epoxidized vegetable oil/15 gal.	Spill contained. Cleanup completed. (ERNS Report)
Two underground cooling lines for Unit 5 transformer	5/12/2011	Non-PCB transformer oil	Lines repaired. 20 yd³ soil disposed. (DEH VAP H13941-005)
Driveway to lagoon	01/26/2013	Hydraulic oil/~5 gal.	Intercepted by storm drain (ERNS report)

Notes: Data taken from FDGTI, 1998; CH2M Hill, 2007; and EDR Radius Map, 2014.

TABLE 5
Summary of Historic Aerial Photographs

Photo Date	Source	Observations	
1939	Fairchild	Carlsbad Boulevard and the railroad appear to be present. The site appears to be largely void of structures, with the exception of the northwestern corner, which appears to have been developed. The lagoon appears to extend southward, through the central portion of the site, west of the railroad tracks. The eastern half of the site and the part of the site that lies to the west of the lagoon appear to have been used for agricultural fields. The part of the site that lies between the extension of the lagoon and the railroad tracks appears to have been developed with a road and the land in this area appears to have been graded or otherwise voided of vegetation. A road is present in the southern part of the site in the vicinity of what is now the power block. Properties further north of the lagoon appear to have been used for residential and agricultural purposes. Properties south and east of the site appear to be agricultural fields.	
1953	Park	Interstate 5 is present adjacent to the property, and Cannon Road is present south of the site. The boundary of the lagoon against the northern property boundary appears to be present in its current configuration; however, the portion adjacent to the northwest part of the site appears to have been occupied by marshlands rather than by standing water. The part of the site that lies east of the railroad tracks still appears to be used for agriculture. Most of the western part of the site appears to be undergoing grading for site development. The area of the SDG&E O&M yard appears to have been developed for industrial purposes. Residential development appears to have occurred further north of the lagoon and south of Cannon Road.	
1963	Cartwright	Land use of the eastern part of the site appears to be generally unchanged from 1953. The western part of the site appears to have been developed for EPS. Some buildings, a parking lot, and Tanks 1, 2, and 3 are present. Outer Agua Hedionda Lagoon appears to have been dredged, and the northern boundary of the site appears to be defined by the lagoon. The configuration of structures in the adjacent SDG&E O&M Yard appears to have changed.	
1974	AMI	Tanks 4, 5 and 6 are present in the eastern part of the site, and the power block building and the switchyard are present in the western part of the site. The SDG&E Cannon Substation and O&M Yard are adjacent to the site.	
1980	USGS	The CUC is located adjacent to the power block, and Tank 7 is present in the East Tank Farm. The four wastewater treatment ponds in the northern part of the site are present. Additional urban development has occurred in the greater site vicinity.	
1990	AMI	Additional small structures appear to have been developed at the site, immediately west of the railroad. Otherwise, site use appears to be largely unchanged from 1980.	
1994	USGS	The wastewater treatment ponds adjacent to the northern property border are no longer present. Otherwise, the land use of the site and adjacent properties appears to be largely unchanged since 1990.	
2002	USGS	Land use of the site and adjacent properties appears to be largely unchanged since 1994. The site appears largely as it does in 2014.	

TABLE 6

RWQCB and San Diego Co. DEH Files for Site Address

RWQCB File No. (DEH VAP File No.)	Status	Description
T0608143454 (H13941-001)	Closed as of 10/28/96	Fuel oil in soil from Prout's Pond and former wastewater holding ponds
T0608133917 (H13941-002)	Closed in 1996	Gasoline in soil
T0608160564 (H13941-003)	Closed in 3/18/2005	Diesel in soil from UST and tank farm clean ups
SLT19726861 (H13941-004)	Open as of 11/26/2007	Soil and groundwater sampling program (desalination project area and associated areas)
T10000003098 (H13941-005)	Open as of 6/28/2011	Leak of transformer cooling line

TABLE 7Selected Environmental Database Report Results

Record Source	Subject Property Listing	Number of Sites Identified
Federal Records		
NPL (National Priority List)		0
Delisted NPL list		0
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) list		0
CERCLIS/NFRAP (No Further Remedial Action Planned). Sites currently or formerly under review by EPA		0
RCRA CORRACTS facilities list	No	1
RCRA non-CORRACTS TSD facilities list	No	0
RCRA generators list (small and large quantity generators)	Yes (1)	3
Federal institutional controls/engineering controls registries		0
ERNS - (Emergency Response Notification System) Notification of spills	Yes (29)	29
State and Tribal Records		
State- and tribal-equivalent NPL		0
State- and tribal-equivalent CERCLIS	No	4
Landfill or Solid Waste Disposal Site		0
LUST lists	No	2
SLIC	Yes (1)	4
Registered storage tank lists (UST, AST, Indian UST & FEMA UST)	Yes (1)	2
State Voluntary Cleanup sites		0
State Brownfield sites		0
Local Records		
San Diego Co. SAM	Yes (1)	5
Brownfields lists		0
Local lists of landfill/solid waste disposal sites	Yes (1)	1
Local lists of hazardous waste/contaminated sites (except HMMD and Toxic Pits)		0
San Diego County HMMD	Yes (2)	3
Toxic Pits	Yes (1)	1
Registered storage tanks	Yes	7
Local land records		0
Emergency release reports (CHMIRS)	Yes (8)	8

Note: The site appears on other ascertainable records including TSCA, FTTS, Hist FTTS,FINDS, NPDES, ENF, HAZMAT, EMIUS AIRS, and WDS.

APPENDIX A SITE PHOTOGRAPHS



Photo 1: Looking south at Encina Power Station (EPS), 4600 Carlsbad Boulevard, Carlsbad, CA. East Tank Farm is on extreme photo left and is not easily visible. West Tank Farm is on photo left. Power block with Common Unit Chimney (CUC) is at photo right. Note presence of aquafarm floats in Agua Hedionda Lagoon in photo center. Carlsbad Boulevard and Pacific Ocean are at extreme photo right.



Photo 2: Looking at construction activities for Poseidon desalination plant.



Photo 3: Looking west at hazardous waste storage area. Note that access to this area is restricted by fencing and locks.



Photo 4: Former area of diesel UST adjacent to Building B.



Photo 5: Prospective location of former car wash UST (in general storage area).



Photo 6: Looking north at East Tank Farm (Tanks 4, 5, 6 and 7) from access road near eastern property boundary. Interstate 5 is located to the right of the photo.



Photo 7: Looking west at West Tank Farm (Tanks 1 and 2) from access road west of West Tank Farm.



Photo 8: Looking northeast at wastewater holding tanks.



Photo 9: Looking north at wastewater holding tanks. (Right side of Photo 9 overlaps with left side of Photo 8.)



Photo 10: Typical view of SDG&E switchyard. Note that access to this area is restricted by fences and locks.



Photo 11: Looking at weedy vegetation in open ditch.



Photo 12: Looking southeast at parking lot area, which was the former area of wastewater retention basins. Note that pipelines for the Poseidon desalination plant are being laid south and west of this area.



Photo 13: Looking east at power block building and CUC from Carlsbad Boulevard.



Photo 14: Looking southwest at power block building and CUC. Note staging of construction equipment for Poseidon desalination plant.



Photo 15: Looking west at equipment in area at power block Unit 5 where transformer oil was left in place due to equipment.



Photo 16: Looking east at equipment in area at power block Unit 5 where transformer oil was left in place due to equipment.

APPENDIX B QUESTIONNAIRE

Environmental Questionnaire for Encina Power Plant Phase I Page 1 of 5

Source Group Job No: 04-NRG-046

APN: 206-07-17, 210-01-26, 210-01-41, 210-01-43, and 211-01-30

- 1) Name, job title, and phone number of person providing information: <u>Sheila</u> Henika, Environmental Specialist, 760-268-4018
- 2) Property Address: 4600 Carlsbad Blvd., Carlsbad, CA 92008
- 3) Who is the current owner of the property? And for how long? <u>Cabrillo Power I LLC</u>; May 22, 1999 sale complete from SDG&E to Cabrillo Power I LLC
- 4) Who is the current occupant or operator of the property? And for how long? <u>NRG</u> Cabrillo Power Operations, Inc; May 22, 1999
- 5) Who are the other occupants/lessees of the property? And for how long? <u>Have to check with Ahmed, but include, Carlsbad Aquafarm, Hubbs-Sea World Research Institute, YMCA, City of Carlsbad, and Poseidon Water</u>
- 6) What is the current use of the property? Power Generation
 - 7) What is the age of facilities on property? (Give dates of construction and date when first started operating) Construction completed in 1954; Operations began September 1954
- 8) If relevant, who was the former owner and operator/occupant? San Diego Gas and Electric Company
- 9) What were the past uses of the site and nearby properties that could impact the site? Open land and agriculture prior to power generation
- 10) Provide a plot plan showing the site facilities and boundaries. Available
- 11) What is the area of the site (acres or square feet)? Does this include areas of the site under water (i.e. lagoon)? Have to ask or dig elsewhere; yes, Cab I owns the land under the lagoon so should include that area if talking about the entire Cab I asset
- 12) Who are the key property personnel? (Plant manager, plant engineer, plant environmental coordinator, etc.) Plant Manager: Jerry L. Carter; Maintenance Manager: Shawn Reilly; Operations Manager: Rudy Lisac
- 13) Provide a brief description of the site characteristics with regard to: <u>I think Terrialready has this.</u>

Environmental Questionnaire for Encina Power Plant Phase I Page 2 of 5

- Hazardous Materials and Chemicals used/stored/disposed Refer to
 Hazardous Materials Business Plan Chemical Inventory which I can print for you
- Asbestos-Containing Building materials (ACBM) Yes, mostly in Units 1, 2, and 3 piping insulation and Units 4 & 5 transite walls
- Aboveground and Underground Storage Tanks Refer to SPCC for ASTs; no USTs
- PCB-Containing Equipment N/A
- Solid Waste Disposal Regular trash etc.
- Hazardous Waste Disposal What kind of info; we have annual waste reports, manifests, and the routine wastes are listed on the Chemical Inventory
- Sewerage and Storm Drain Disposal Refer to SWPPP plan for storm drains. Refer to #2139 permit for Sewerage.
- Water Supply Five main water meter supplies from the City of Carlsbad Municipal System
- Electrical Supply When not generating for our own uses, we are supplied via the 138 kV switchyard by SDG&E.
- Surrounding Land Uses <u>Good definition in the NPDES permit and other</u> applications like the CECP application
- 14) Have there ever been spills (reported and not reported) of material that could be deemed to have caused contamination? If yes, please explain. Refer to the spill histories in the SPCC and the SWPPP. Also, the Phase I due diligence and subsequent SDG&E (Haley & Aldrich) closure reports.
- 15) Have there been additional historic aboveground or underground tanks on the site? If yes, please explain or provide an inventory. Yes. Refer to the Haley & Aldrich reports and Phase I reports. Also, have removed the waste water treatment facility, combustion turbine diesel storage tanks, the displacement oil tank, and FOT 3.
- 16) Are there currently or have there historically been any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property? The mooring? Still partially

Environmental Questionnaire for Encina Power Plant Phase I Page 3 of 5

intact and in the process of CaSLC abandonment. The natural gas supplies, north and south?

- 17) Are there any former septic tanks or sewer leach fields on the site? If yes, please explain. No.
- 18) Provide a list of environmental permits for the site. We can get you one.
- 19) What arrangements are needed to visit the site? <u>Coordination with the Construction Manager, Chuck Hicklin.</u>
- 20) Have environmental study reports or assessment reports been performed on the property's soil, air or water conditions? If so, provide copies of the report(s). Yes, a variety: Phase I; the 5 Voluntary Assistance Program assessments, . . .
- 21) Has any regulatory agency listed the property as a site requiring or qualifying for cleanup under any environmental law? If yes, please explain. Not to my knowledge; George or Tim would know.
- 22) Are there known citizen complaints or lawsuits filed against the site? If yes, please explain. Have to ask Ahmed or Sean.
- 23) Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property? Not that I am aware of but would need to ask Ahmed or Sean.
- 24) Does the property discharge waste-water (not including sanitary waste or storm water) on or adjacent to the property and/or into a storm water system? Yes, under NPDES CA0001350 to the discharge pond and the Pacific Ocean
- 25) Does the property discharge waste-water (not including sanitary waste or storm water) on or adjacent to the property and/or into a sanitary sewer system? Yes, occasional batch discharges under EWA #2139
- 26) If available, provide local geology and hydrology data. <u>Available in recent site investigation reports.</u>
- 27) Does the site have public water and sewer access? Yes; see above.
- 28) Are any water-supply or groundwater monitoring wells currently installed at the site? If so, where are they located and when were they installed? No except for whatever KSD & Poseidon may have for monitoring.

Environmental Questionnaire for Encina Power Plant Phase I Page 4 of 5

- 29) Have any water-supply or groundwater monitoring wells been abandoned on the site? If so, where are they located and when were they abandoned? Yes. Check the Phase I documentation.
- 30) Do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? No.
- 31) Do you have any prior knowledge that any *adjoining property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? Not sure about the SDG&E maintenance yard.
- 32) Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility? No!
- 33) Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility? Yes, for operational purposes such as lube oils, which are stored properly; see Chemical Inventory and HMBP.
- 34) Do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site or from an unknown origin? No.
- 35) Are there currently or have there historically been any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal? Yes. The waste water treatment facility had retention basins that were closed out with DTSC, DEH, and RWQCB.
- 36) Is there currently any stained soil on the property? Not that I am aware of.
- 37) Do you have any prior knowledge that there have been previously leaks, spills or staining by substances other than water, or foul odors associated with any flooring, drains, walls, ceilings or exposed grounds on the property? Not that I am aware of.
- 38) Do you have any prior knowledge that any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property? Check the Phase I and Haley & Aldrich reports in addition to VAP H13941-005. Also, refer to the SPCC spill history list.

Environmental Questionnaire for Encina Power Plant Phase I Page 5 of 5

- 39) Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs? No. They have been flushed and test results are below the California PCB levels.
- 40) Since the publication of the 2007 Phase I ESA Report, have there been any discoveries of significance regarding site history and/or historic land use? Not to my knowledge.
- 41) Since publication of the 2007 Phase I ESA Report, have there been any fires at the site? Yes; minor with no injuries.
- 42) Since publication of the 2007 Phase I ESA Report, have there been any environmental investigations at the site? Yes; VAP H13941-004 (ongoing for Poseidon) and VAP H13941-005 for the transformer oil release
- 43) Since publication of the 2007 Phase I ESA Report, have there been any other changes to the site that might be of significance to an environmental investigation? Closure of the waste water treatment facility; otherwise, not aware of any
- 44) Are there any other issues with regards to recognized environmental conditions at the site of which we should be aware? <u>Eradicated Caulerpa taxifolia in the inner lagoon</u>

APPENDIX C

HAZARDOUS MATERIAL AND WASTES INVENTORY MATRIX REPORT

			Hazardo	ous Materials A	and Waste	s Inventor	y Matrix I	Report			
acility Name	CABRILLO	POWER I LLC POWER I LLC AD BLVD, CARLSBAD 92008			Chemical Loca	ition			CERS ID 100555 Facility ID 37-000 Status Submitte	-11394	1 9/2014 1:59 PM
					Quantities		Annual Waste	Federal Hazard	Hazardous C (For mixto		ts
OOT Code/Fire Haz. Cla	ass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		AER-O-FOAM	Gallons	5000	30	4000		- Reactive	Fluoroalkylethylthiopolyacrylam	d 1%	70969-47-0
		CAS No	State	Storage Container		Pressue			e	= 0/	
			Liquid	Plastic/Non-metalio	Drum	Ambient	Waste Code		Freeze-Point Depressant Hexylene Glycol	5 % 7 %	Proprietary 107-41-5
			Type Mixture	Days on Site: 365		Temperature Ambient			Protein Hydrolysate	40 %	69430-36-0
OT: 2.2 - Nonflamm	nable Gases	AIR, COMPRESSED	Cu. Fee	t 25380	235	25380		- Pressure			
		CAS No	State	Storage Container		Pressue	Waste Code	Release			
		132259-10-0	Gas	Cylinder		> Ambient					
			Туре			Temperature	**				
OOT: 2.2 - Nonflamm	nahla Gasos	and the state of t	Pure	Days on Site: 365	0400	Ambient		- Acute Health	Ammonia	19 %	√ 7664-41-7
OT. 2.2 - NOIIIIaiiiii	ilable Gases	ammonium hydroxide, 19%	Gallons		9400	18800	Waste Code		Allillollia	19 %	7004-41-7
Corrosive, Flammable	le Gas,	CAS No	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	waste code	-			
ritant			· ·	Aboveground rank		Temperature					
			Type Mixture	Days on Site: 365		Ambient					
		BLAST GRIT W/CV, PB, CD	Pounds		450	450	900				
		• • •	State	Storage Container	430	Pressue	Waste Code				
		CAS No	Solid	Steel Drum		Ambient	181				
			Type Waste	Days on Site: 365		Temperature Ambient					
		BREAKTHROUGH, RI350	Gallons		55	55		- Fire			· · ·
		CAS No	State	Storage Container		Pressue	Waste Code				
		64740-48-9	Liquid	Plastic/Non-metalio	Drum	Ambient					
			Туре			Temperature					
			Pure	Days on Site: 365		Ambient					
		BREEZE	Gallons		55	55		- Reactive	Sodium metasilicate	2 %	6834-92-0 127087-87-0
		CAS No	State	Storage Container	Deum	Pressue	Waste Code		Nonyl Phenoxy Polyethoxy Ethar Sodium Tripolyphosphate	2 %	7758-29-4
			•	Plastic/Non-metalio	. Drum	Ambient			Socialit Hipotyphosphate	2 /0	,,50 25 4
			Type	Days on Site: 365		Temperature Ambient					
OT: 8 - Corrosives (Liquids and	CAUSTIC SODA 50%	Gallons		600	730		- Reactive			
olids)			State	Storage Container	000	Pressue		- Acute Health			
,	tor Boactive	CAS No	Liquid	Tank Inside Building	g, Plastic/Non-		Waste Code				
Corrosive, Toxic, Wat Class 1	itei Keattive,	1310-/3-2	Туре	metalic Drum		Temperature					
1			Pure	Days on Site: 365		Ambient	•••				
		CHEMGUARD FLUOROPROTEIN	Gallons	165	55	55		- Acute Health	Hexylene glycol	12 %	107-41-5
		CAS No	State	Storage Container		Pressue	Waste Code		Proprietary fluorosurfactants	5 %	
		CAS INC		Plastic/Non-metalio	Drum	Ambient			Magnesium sulfate	2 %	10034-99-8
			Туре			Temperature			Ferrous Sulphate	1%	7782-63-0
			Mixture	Days on Site: 365		Ambient			Biocide	1 %	55965-84-9

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		Hazardo	us Materials	And Waste	Inventor	y Matrix I	Report				
Facility Name CABRIL	LO POWER I LLC LO POWER I LLC LSBAD BLVD, CARLSBAD 92008			Chemical Loca	tion			CERS ID 10055524 Facility ID 37-000-113941 Status Submitted on 8/19/2014 1:59 PM			
						Annual		Hazardous Coi (For mixtur	•		
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Waste Amount	Federal Hazard Categories	Component Name	% Wt	EHS CAS No.	
	CHLORIDE LAB WASTE	Gallons	100	20	20	100					
	CAS No	State	Storage Container		Pressue	Waste Code					
		Liquid	Plastic/Non-metal	ic Drum	Ambient	135					
		Type Waste	Days on Site: 365		Temperature Ambient						
DOT: 3 - Flammable and	Diesel Fuel, #2	Gallons		100	100		- Fire				
Combustible Liquids	·		Storage Container	100	Pressue		- Chronic health				
	CAS No 68334-30-5		Tank Inside Buildir	ng, Steel Drum	Ambient	Waste Code					
Combustible Liquid, Class II	00334 30 3	Туре			Temperature						
		Pure	Days on Site: 365		Ambient						
	DTE 10 Excel 32	Gallons	55	55	55			Hydrotreated Light Paraffinic	30 %	64742-55-8	
	CAS No		Storage Container		Pressue			Distillates, Petroleum			
		•	Steel Drum		Ambient	Waste Code					
		Type	Davis on Sitor 265		Temperature Ambient						
			Days on Site: 365								
	DTE 732 Oil	Gallons		6000	2700						
	CAS No		Storage Container Tank Inside Buildir	ng	Pressue Ambient	Waste Code	.				
		Type Mixture	Days on Site: 365		Temperature Ambient					,	
	EMPTY CONTAINERS (513)	Pounds	550	55	220	521					
	CAS No		Storage Container Steel Drum	•••	Pressue Ambient	Waste Code 513					
		Туре			Temperature						
			Days on Site: 365		Ambient			Trixylyl phosphate	40 %	25155-23-1	
	Fyrquel EHC	Gallons		55	198	Waste Code		t-Butylphenyl diphenyl phosphate		56803-37-3	
	CAS No		Storage Container Steel Drum		Pressue Ambient	waste code		Bis(t-butylphenyl) phenyl	15 %	65652-41-7	
		Туре			Temperature			phosphate			
			Days on Site: 365		Ambient			Tri(t-butylphenyl) phosphate Triphenyl phosphate	5 % 8 %	79-33-1 115-86-6	
DOT: 2.2 - Nonflammable Gas	es HELIUM GAS	Cu. Feet	t 2400	217	2000		- Pressure	ттрпенугрнозрнате	0 70	113-00-0	
	HELIOW GAS		Storage Container	-1/	Pressue	Waste Code					
	CAS No 7440-59-7	_	Cylinder		> Ambient						
		Туре			Temperature						
	LIVERGEN		Days on Site: 365	22.45	Ambient		Eiro				
	HYDROGEN	Cu. Feet		3245	35045	Waste Code	- Fire - Pressure				
Irritant	CAS No.		Storage Container Cylinder		> Ambient	waste code	Release				
	1333-74-0	Туре	-,		Temperature						
			Days on Site: 365		Ambient						

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		Hazardo	us Materials <i>i</i>	and waste	sinventor	y iviatrix i	keport			
ERS Business/Org. acility Name	CABRILLO POWER I LLC CABRILLO POWER I LLC 4600 CARLSBAD BLVD, CARLSBAD 92008			Chemical Loca	tion			CERS ID 1005: Facility ID 37-00 Status Submi	0-113941	L 9/2014 1:59 PM
				Quantities		Annual Waste	Federal Hazard		s Component xture only)	S
OT Code/Fire Haz.	Class Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
OT: 9 - Misc. Haz aterials	ardous IRON SULFATE, IRON (III) SULF FERRIC TRISULFATE	-	220 Storage Container	55	110 Pressue		- Reactive - Acute Health	Sulfuric Acid	1 %	√ 7664-93-9
ritant	CAS No	Liquid Type	Plastic/Non-metali	ic Drum	Ambient Temperature Ambient	Waste Code		Ferric Sulfate	49 %	10028-22-5
	MILLENNIUM	Gallons	110	55	55		- Acute Health	Octylphenoxypolyethoxy-	10 %	70955-69-0
	CAS No		Storage Container Steel Drum		Pressue Ambient	Waste Code		Alkylaminopolyethoxy- Polyethoxylated Alcohol	10 % 10 %	68603-58-7 68603-25-8
		Туре	Days on Site: 365		Temperature Ambient					
	MOBIL EAL 224H	Gallons		55	110		- Fire			
	CAS No		Storage Container Steel Drum		Pressue Ambient	Waste Code				
		Type Mixture	Days on Site: 365		Temperature Ambient	•••				
	MOBIL NYVAC FR 200D	Gallons	110	55	55	Waste Code	- Fire	Morpholine 2,2-OxyBis-Ethanol	1 % 50 %	110-91-8 111-46-6
	CAS No		Steel Drum	···	Pressue Ambient Temperature			-,,		
			Days on Site: 365		Ambient					
	MOBIL SHC 634	Gallons	110	55	55		- Fire			
	<u>CAS No</u>		Storage Container Steel Drum	•••	Pressue Ambient	Waste Code				
		Type Mixture	Days on Site: 365		Temperature Ambient					1
	MOBILGEAR 600 XP 680 CAS No	Gallons State	165 Storage Container	55	110 Pressue	Waste Code	- Fire			
	Under NO.	Туре	Steel Drum		Ambient Temperature					
	Mobilube HD 85W-140	Gallons		55	Ambient 55			Alkyl Phosphoric Acid Ester An Salts	nine 3 %	,
	CAS No	Liquid Type	Steel Drum Days on Site: 365	•••	Ambient Temperature Ambient	Waste Code		Sulfurized Isobutylene	5 %	68511-50-
	MOBILUBE HD PLUS 80W-90	Gallons	110	55	55		- Fire	Olefuin Sulfide	5 %	68937-96-2
	CAS No.	Liquid	Storage Container Steel Drum	•••	Pressue Ambient	Waste Code				
		Type Mixture	Days on Site: 365		Temperature Ambient					

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ERS Business/Org.	CABRILLO POWER I LLC			Chemical Loca	tion			CERS ID 100555	24	
acility Name	CABRILLO POWER I LLC							Facility ID 37-000-	113941	L
4	4600 CARLSBAD BLVD, CARLSBAD 92008							Status Submitte	d on 8/1	9/2014 1:59 PM
				Quantities		Annual Waste	Federal Hazard	Hazardous Co (For mixtu		s
OT Code/Fire Haz. Cla	nss Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	MOLYCOTE L-2110 VG100	Gallons	110	55	55		- Fire			
	CAS No		Storage Container		Pressue	Waste Code				
		•	Steel Drum		Ambient					
		Type Mixture	Days on Site: 365		Temperature Ambient					
	NALCO TRAC 106	Gallons	•	55	55		- Fire	melamine, 6, 6, 6 Trihexanoic Aci	d, 5 %	1
			Storage Container	33	Pressue			Trisodium Salt		
	CAS No		Plastic/Non-metali	ic Drum	Ambient	Waste Code		Substituted aromatic amine salt	5 %	
		Туре			Temperature			Phosphoric acid ester salt	5 %	
		Mixture	Days on Site: 365		Ambient					
	NALCO TRAC107	Gallons	300	55	220		- Reactive	Sodium Hydroxide	5 %	1310-73-2
	CAS No		Storage Container		Pressue	Waste Code		Sodium Tetraborate	5 %	1330-43-4
		Liquid	Steel Drum		Ambient					
		Type			Temperature					
	NALCO TRACAGO		Days on Site: 365		Ambient		- Reactive	Inorganic Salt	5 %	Proprieta
	NALCO TRAC108	Gallons		55	55 Brossus	Waste Code	- Neactive	Sodium Nitrite	30 %	7632-00-(
	CAS No		Storage Container Plastic/Non-metali	 ic Drum	Pressue Ambient	waste code				
		Туре			Temperature					
			Days on Site: 365		Ambient					
OT: 2.2 - Nonflamm	nable Gases Nitrogen	Cu. Feet	6080	304	4560		- Pressure			
	CAS No		Storage Container		Pressue	Waste Code	Release - Acute Health			
	7727-37-9		Cylinder		> Ambient		- Acute Health			
		Type Pure	Days on Site: 365		Temperature Ambient					
OT: 8 - Corrosives (Liquids and SODIUM HYPOCHLORITE 12%	Gallons		55	55		- Acute Health	Sodium Hypochlorite	12 %	7681-52-9
olids)	303101111113011112 22/3		Storage Container	33	Pressue			,,		
orrosive, Oxidizing,	Class 2.		Plastic/Non-metali	ic Drum	Ambient	Waste Code				
ther Health Hazard	•	Туре			Temperature					
		Mixture	Days on Site: 365		Ambient					
OT: 8 - Corrosives (Liquids and SULFURIC ACID 94%	Gallons	650	100	540		- Reactive	Sulfuric Acid	94 %	√ 7664-93-9
olids)	CAS No	State	Storage Container	***	Pressue		- Acute Health		2.51	
orrosive, Water Rea			Tank Inside Buildin	ng, Plastic/Non-	Ambient	Waste Code		Water	2 %	7732-18-5
, Toxic, Oxidizing, C	lass 1		metalic Drum		Temperature					
		iviixture	Days on Site: 365		Ambient					1
OT: 3 - Flammable	THE STATE OF THE S	Gallons	132801	10000	132251	·	- Fire			
ombustible Liquids	CAS No		Storage Container	•••	Pressue	Waste Code				
ombustible Liquid, Other Health Hazard	·	1.	Aboveground Tank	<	Ambient					
		Type			Temperature					

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		Hazardo	us Materials	And Waste	s Inventory	/ Matrix I	Report			
Facility Name CABRILLO	D POWER I LLC D POWER I LLC SBAD BLVD, CARLSBAD 92008			Chemical Loca	ition			CERS ID 10055 Facility ID 37-000 Status Submitt)-11394:	1 9/2014 1:59 PM
DOT Code /Fire Hear Class	Common Name	11-24	Mary Daily	Quantities	A Della	Annual Waste	Federal Hazard	Hazardous ((For mix	Component ture only)	is s
DOT Code/Fire Haz. Class DOT: 3 - Flammable and	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Combustible Liquids	TRANSFORMER OIL CAS No		Storage Container	 	330 Pressue	" W Cl-				
Combustible Liquid, Class III-B, Other Health Hazard, Irritant	8042-47-5	Liquid Type Pure	Steel Drum Days on Site: 365		Ambient Temperature Ambient	Waste Code				
	URSA SUPER PLUS SAE 30W		Storage Container	55	55 Pressue	Waste Code	- Fire - Acute Health	Zinc Compounds Proprietary Additives Hydrotreated middle distillate	2 % 3 % 5 %	Generic Proprietary 64742-46-7
		Туре	Steel Drum Days on Site: 365		Ambient Temperature Ambient			Hydrotreated residual oil Hydrotreated Heavy Paraffinic Distillate	9 % 90 %	64742-57-0 64742-54-7
	VITEC 3000 CAS No	Liquid Type	4000 Storage Container Plastic/Non-metal Days on Site: 365	55 ic Drum	3600 Pressue Ambient Temperature Ambient	Waste Code	- Acute Health 	Phosphonic Acid Salt Alkali Hydroxide Aminotrialkylphosphonic Acid Phonsphonic Acid Inorganic Acid	12 % 9 % 16 % 1 % 0 %	
	Waste Paint, Liquid		Storage Container	55	55 Pressue	220 Waste Code	- Fire			1
		Туре	Steel Drum Days on Site: 365		Ambient Temperature Ambient	. 212				
	WASTE PAINT, Solid	Pounds		150	150	600				
	CAS No		Storage Container Steel Drum	 .	Pressue Ambient	Waste Code 352				
		Type Waste	Days on Site: 365		Temperature Ambient					

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			Hazardo	us Materials <i>A</i>	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org.	CABRILL	O POWER I LLC			Chemical Loca	ntion			CERS ID	10055524	
Facility Name	CABRILL	O POWER I LLC			Cooling W	/ater Deck			Facility II	37-000-11394	1
	4600 CARL	SBAD BLVD, CARLSBAD 92008							Status	Submitted on 8/1	9/2014 1:59 PM
					Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	ts
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Sodium Hypochlorite 0.1%	Gallons	12000	6000	10800			Sodium Hypochlorite	0 %	7681-52-9
		CAS No	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Coo	le			
			Type Mixture	Days on Site: 365		Temperature Ambient					

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		Hazardo	us Materials <i>I</i>	And Wastes	Inventory	y Matrix	Report			
CERS Business/Org. CABRILLO	POWER I LLC			Chemical Loca	tion			CERS ID	10055524	
Facility Name CABRILLO	POWER I LLC			Plant Ope	rating Floor	•		Facility II	37-000-113941	
4600 CARLS	BAD BLVD, CARLSBAD 92008							Status	Submitted on 8/19	9/2014 1:59 PM
				Quantities		Annual Waste	Federal Hazard		Hazardous Components (For mixture only)	S
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	ARGONITE	Cu. Fee	t 3760	235	3760		- Pressure	Nitrogen	52 %	7727-37-9
	CAS No		Storage Container Cylinder		Pressue > Ambient	Waste Code	Release	Argon	48 %	7440-37-1
		Type Mixture	Days on Site: 365		Temperature Ambient					1

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		,	Hazardo	ous Materials A	And Waste	s Inventory	/ Matrix I	Report			
acility Name C	ABRILLO I	POWER I LLC POWER I LLC AD BLVD, CARLSBAD 92008			Chemical Loca SEE SITE N				CERS ID 10055524 Facility ID 37-000-113941 Status Submitted on 8/19/2014 1:59 I		
					Quantities		Annual	Fadaval Hanned		Hazardous Component (For mixture only)	S
OOT Code/Fire Haz. Clas	S	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	_ Waste Amount	Federal Hazard Categories	Component Name	% Wt	EHS CAS No.
OT: 2.1 - Flammable		ACETYLENE, COMPRESSED GAS	Cu. Fee		400	1350		- Fire			
Instable (Beastive) C			State	Storage Container	100	Pressue	Waste Code	- Pressure			
Instable (Reactive), C Iammable Gas		74-86-2	Gas	Cylinder		> Ambient		Release			
		7 1 00 2	Type			Temperature					
			Pure	Days on Site: 365		Ambient					
		ANTIFREEZE (ETHYLENE GLYCOL)	Gallon	s 110	55	55		- Fire			
Combustible Liquid, C	Class III-B,	CAS No	State	Storage Container		Pressue	Waste Code	- Acute Health			
rritant		107-21-1	Liquid	Steel Drum		Ambient					
			Туре			Temperature					
			Pure	Days on Site: 365		Ambient					
		ANTIFREEZE, WASTE	Gallon		30	5	100				
		CAS No	State	Storage Container		Pressue	Waste Code				
			Liquid	Plastic/Non-metali	c Drum	Ambient	331				
			Type	Davis an Cita 205		Temperature					
OT: 2.2 - Nonflamma	ahla Gasas	ADCON COMPRESSED CAS	Waste	Days on Site: 365	226	Ambient		- Pressure			
O1. 2.2 - Normannin	able Gases	ARGON COMPRESSED GAS	Cu. Fee		336	5400	Wasta Cada	Dalassa			
Cryogen, Other		CAS No	State Gas	Storage Container Cylinder		> Ambient	Waste Code	- Acute Health			
		7440-37-1		Cyllider							
			Type Pure	Days on Site: 365		Temperature Ambient					
OT: 9 - Misc. Hazard	lous	ASBESTOS WASTE	Tons	20	20	0	20				
Materials 4 1			State	Storage Container	20	Pressue					
		CAS No	Solid	Other		Ambient	Waste Code	···			
Other Health Hazard,	Carcinogen	1332-21-4	Туре			Temperature	151				
			Waste	Days on Site: 365		Ambient					
OT: 2.2 - Nonflamma	able Cases	CARDON DIOVIDE COMPESSES	C E		442	450		- Acute Health			
O1. Z.Z - NUIIIIaiiiiii		CARBON DIOXIDE, COMPRESSED			143	450	Masta Carl-				
		GAS	State Gas	Storage Container Cylinder		> Ambient	Waste Code				
		CAS No		Cyllildei							
		124-38-9	Type Pure	Days on Site: 365		Temperature Ambient					
OT: 2.3 - Toxic Gases	•				4.5-			Drossiii			
OT: 2.3 - TOXIC Gases		CARBON MONOXIDE,	Cu. Fee		140	450		- Pressure Release			
lammable Gas, Irrita	nt, Other	COMPRESSED GAS	State	Storage Container		Pressue	Waste Code	- Acute Health			
lealth Hazard		CAS No	Gas	Cylinder		> Ambient					
		630-08-0	Type Pure	Days on Site: 365		Temperature Ambient					
		Combined Lab Waste	Gallon		20	20	200				,
			State	Storage Container	20	Pressue	Waste Code				
		CAS No	Liquid	Plastic/Non-metali	c Drum	Ambient	135				
			Туре	astroj rion metan		Temperature					
			Waste	Days on Site: 365		Ambient					

Printed on 9/4/2014 1:21 PM Page 8 of 10

CERS Business/Org.	CARRILLO	POWER I LLC			Chemical Loca	tion			CERS ID	10055524			
		POWER I LLC			SEE SITE N				Facility ID 37-000-113941				
		AD BLVD, CARLSBAD 92008			SEE SITE IV	MAP							
•	4000 CANLSD	AD BLVD, CARLSBAD 92008							Status	Hazardous Components	•		
					Quantities		Annual Waste	Federal Hazard		(For mixture only)	•		
OOT Code/Fire Haz. Cla	ISS	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.		
		DTE 797, LUBRICATING OIL	Gallons	s 6000	6000	2700		- Fire					
		CAS No	State	Storage Container		Pressue	Waste Code	Acute Health					
			Liquid	Tank Inside Building	5	Ambient							
			Type	Davis an Citar 205		Temperature							
		FLIBAININ OVYCEN CCAVENCED		Days on Site: 365		Ambient		- Acute Health	Carbonhydrazide	10 %	497-18-7		
		ELIMINIX OXYGEN SCAVENGER	Gallons State	Storage Container	55	99 Pressue	Waste Code		Carbonnyurazide	10 /0	437-16-7		
		(CARBOHYDRAZIDE MIXTURE)	Liquid	Carboy		Ambient	. Waste code						
		CAS No	Туре			Temperature							
				Days on Site: 365		Ambient							
OOT: 8 - Corrosives (Liquids and	Muriatic Acid	Gallons	s 700	10	630		- Acute Health	Hydrogen Chloride	31 %	√ 7647-01-0		
Solids)	•		State	Storage Container		Pressue							
Corrosive, Other Hea	alth Hazard.	CAS No	Liquid	Plastic Bottle or Jug		Ambient	Waste Code	•••	Water	69 %	7732-18-5		
Jater Reactive, Class 2		Туре			Temperature								
			Mixture	Days on Site: 365		Ambient							
OOT: 3 - Flammable	and	NALCO 356	Gallons	s 330	55	110		- Fire	Cyclohexylamine	30 %	√ 108-91-8		
Combustible Liquids		CAS No	State	Storage Container		Pressue		- Acute Health					
- Flammable Liquid, Cl	lass I-C,		Liquid	Carboy		Ambient	Waste Code		Morpholine	10 %	110-91-8		
Corrosive, Toxic, Sen	sitizer		Туре			Temperature	•						
			Mixture	Days on Site: 365		Ambient							
OOT: 2.2 - Nonflamm	nable Gases	NITROGEN LIQUID	Gallons	s 3100	3100	2790		- Pressure					
_		CAS No	State	Storage Container		Pressue	Waste Code						
Cryogen		7727-37-9	Liquid	Aboveground Tank		> Ambient		- Acute Health					
			Туре	D		Temperature							
DOT: 9 - Misc. Hazar	dous	NUTROCEN COMPLETE	Pure	Days on Site: 365	240	Cryogenic		- Pressure			,		
Materials	uous	NITROGEN OXIDE, COMPRESSED			240	550 Brossus		Release					
		GAS	State Gas	Storage Container Cylinder		> Ambient	Waste Code						
Other Health Hazard		CAS No	Туре	cyac.		Temperature							
		10024-97-2	Pure	Days on Site: 365		Ambient	•						
		OILS, #6 FUEL	Gallons	s 3000000	18900000	30000000		- Fire					
			State	Storage Container	10300000	Pressue	Waste Code	- Acute Health					
		CAS No	Liquid	Aboveground Tank		Ambient							
		68553-00-4	Туре	<u> </u>		Temperature							
			Pure	Days on Site: 365		Ambient							
		OILY DEBRIS	Pounds	s 3000	150	2400	10000						
		CAS No	State	Storage Container		Pressue	Waste Code						
			Solid	Steel Drum		Ambient	352						
			Type			Temperature							

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		Hazardo	ous Materials <i>i</i>	And Waste	s Inventory	y Matrix I	Report				
Facility Name CABI	RILLO POWER I LLC RILLO POWER I LLC CARLSBAD BLVD, CARLSBAD 92008			Chemical Loca				CERS ID 10055524 Facility ID 37-000-113941 Status Submitted on 8/19/2014 1:59 P			
DOT Code/Fire Haz. Class	Common Name OILY WATER W/SURFACTANTS CAS No	Unit Gallons State Liquid Type	Max. Daily 5 55 Storage Container Steel Drum	Quantities Largest Cont.	Avg. Daily 0 Pressue Ambient Temperature	Annual Waste Amount 55 Waste Code 134	Federal Hazard Categories	Ha	zardous Component (For mixture only) % Wt	•	
DOT: 2.2 - Nonflammable Oxidizing Gas, Gaseous	Gases OXYGEN, COMPRESSED GAS CAS No. 7782-44-7	Waste Cu. Fee State Gas Type Pure	Days on Site: 365 et 3000 Storage Container Cylinder Days on Site: 365	250	Ambient 2700 Pressue > Ambient Temperature Ambient	Waste Code	- Fire - Pressure [®] Release				
	TEXACO MULTIGEAR OIL CAS NO MIXTURE	Gallons State Liquid Type		55	55 Pressue Ambient Temperature Ambient	Waste Code	- Fire 				
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class Other Health Hazard, Irrita	CAS NO	Gallons State Liquid Type		55	55 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Acute Health 				
DOT: 9 - Misc. Hazardous Materials Other Health Hazard	USED OIL CAS No NA	Gallons State Liquid Type Waste	Storage Container Steel Drum Days on Site: 365	55	550 Pressue Ambient Temperature Ambient	8000 Waste Code 221		Waste Petroleum Hydro	carbons	Mixture	

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APPENDIX D EDR SANBORN MAP REPORT

Encina Power Station

4600 Carlsbad Boulevard Carlsbad, CA 92008

Inquiry Number: 4051269.3

August 29, 2014

Certified Sanborn® Map Report



Certified Sanborn® Map Report

8/29/14

Site Name: **Encina Power Station** 4600 Carlsbad Boulevard

Carlsbad, CA 92008

The Source Group 1962 Freeman Avenue Signal Hill, CA 90755

Client Name:

EDR Inquiry # 4051269.3

Contact: Rachel Fischer/Scott

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by The Source Group were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: **Encina Power Station** 4600 Carlsbad Boulevard Address: City, State, Zip: Carlsbad, CA 92008

Cross Street:

P.O. # 04-NRG-046

Project: Encina Power Station Certification # 5B48-4794-96BF

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 # 5B48-4794-96BF

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

Library of Congress

✓ University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX E EDR AERIAL PHOTO DECADE PACKAGE

Encina Power Station

4600 Carlsbad Boulevard Carlsbad, CA 92008

Inquiry Number: 4051269.9

August 29, 2014

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography August 29, 2014

Target Property:

4600 Carlsbad Boulevard Carlsbad, CA 92008

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1939	Fairchild
1953	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1953	Park
1963	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1963 Best Copy Available from original source	Cartwright
1974	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1974 Best Copy Available from original source	AMI
1980	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1980	USGS
1990	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1990	AMI
1994	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1994	USGS
2002	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2002	USGS

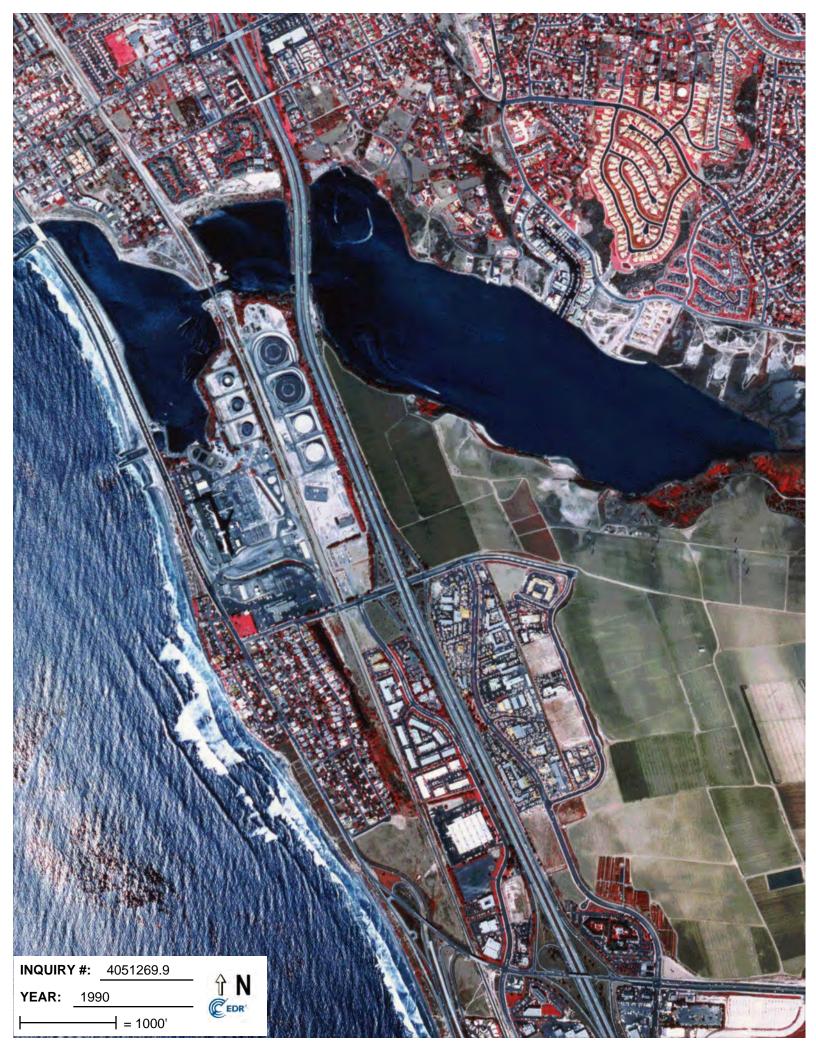




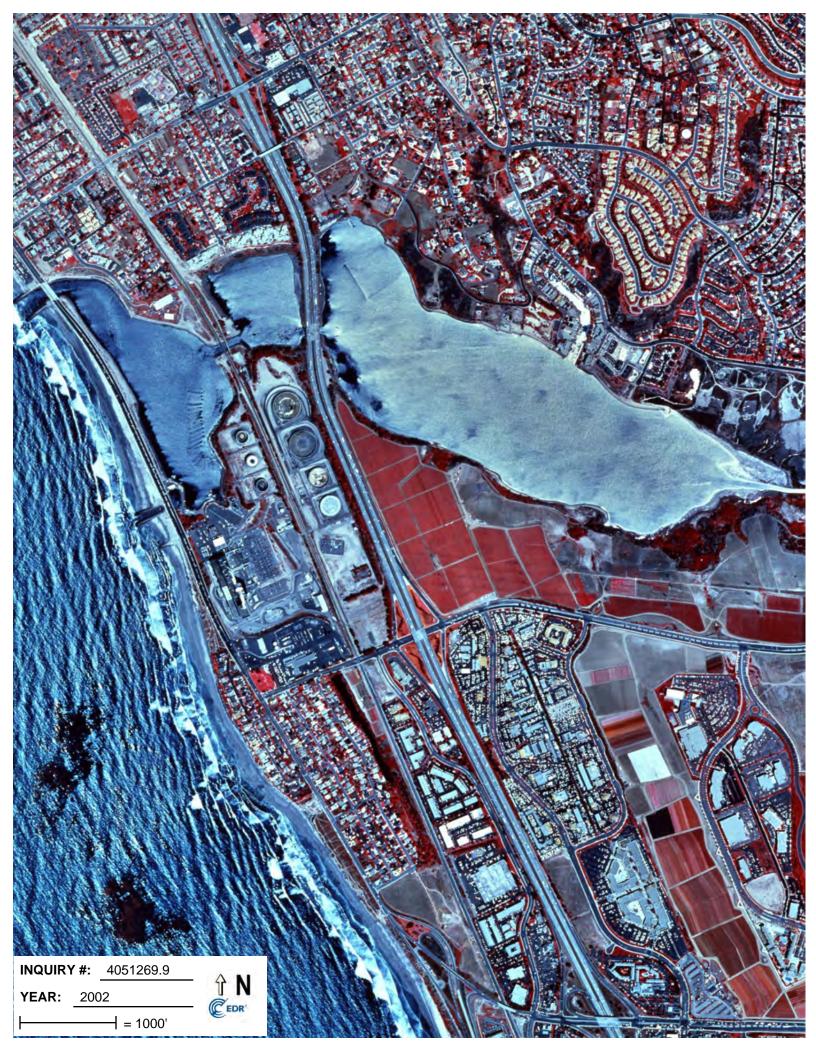












APPENDIX F EDR HISTORIC TOPOGRAPHIC MAP REPORT

Encina Power Station

4600 Carlsbad Boulevard Carlsbad, CA 92008

Inquiry Number: 4051269.4

August 29, 2014

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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TARGET QUAD

NAME: OCEANSIDE

MAP YEAR: 1893

SERIES: 15

SCALE: 1:62500

SITE NAME: Encina Power Station

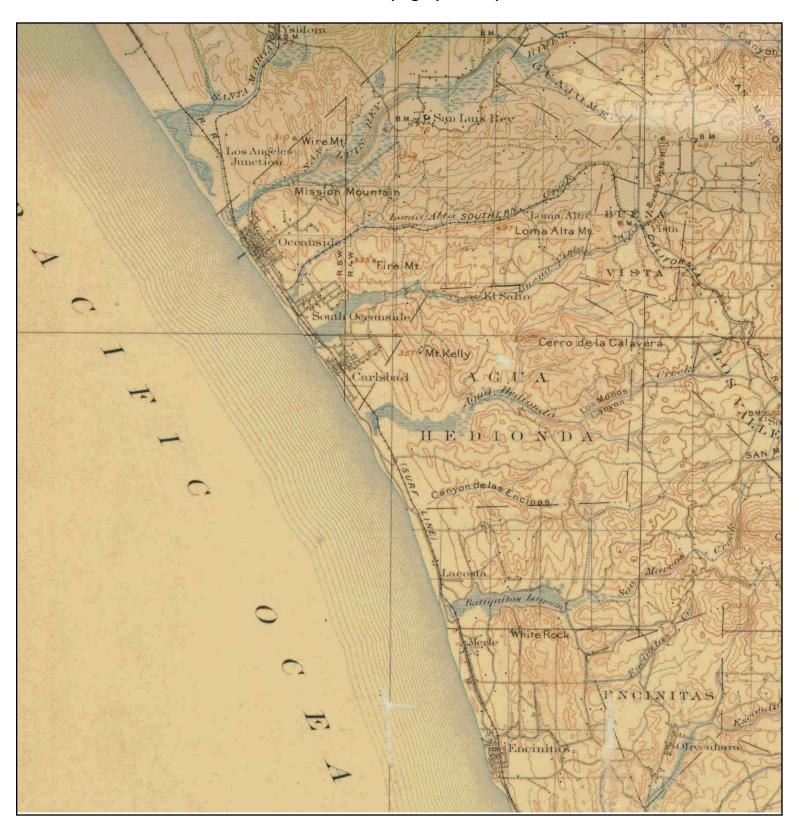
ADDRESS: 4600 Carlsbad Boulevard

Carlsbad, CA 92008

LAT/LONG: 33.1412 / -117.3298

CLIENT: The Source Group

CONTACT: Rachel Fischer/Scott Seipel





TARGET QUAD

NAME: SAN LUIS REY

MAP YEAR: 1901

SERIES: 30

SCALE: 1:125000

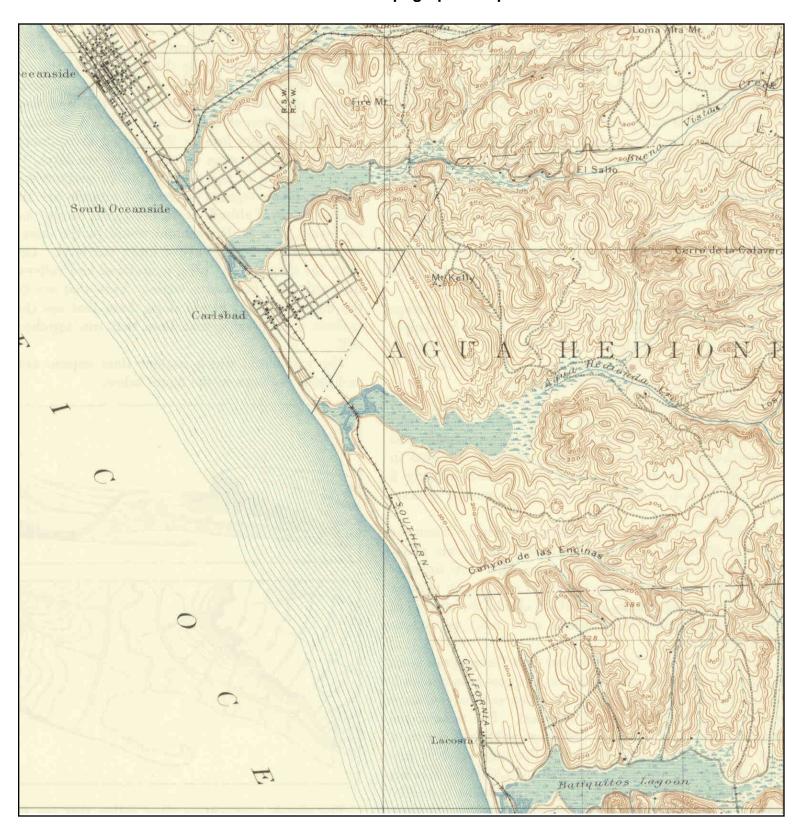
SITE NAME: Encina Power Station
ADDRESS: 4600 Carlsbad Boulevard

Carlsbad, CA 92008

LAT/LONG: 33.1412 / -117.3298

CLIENT: The Source Group

CONTACT: Rachel Fischer/Scott Seipel





TARGET QUAD

NAME: OCEANSIDE

MAP YEAR: 1901

SERIES: 15

SCALE: 1:62500

SITE NAME: Encina Power Station

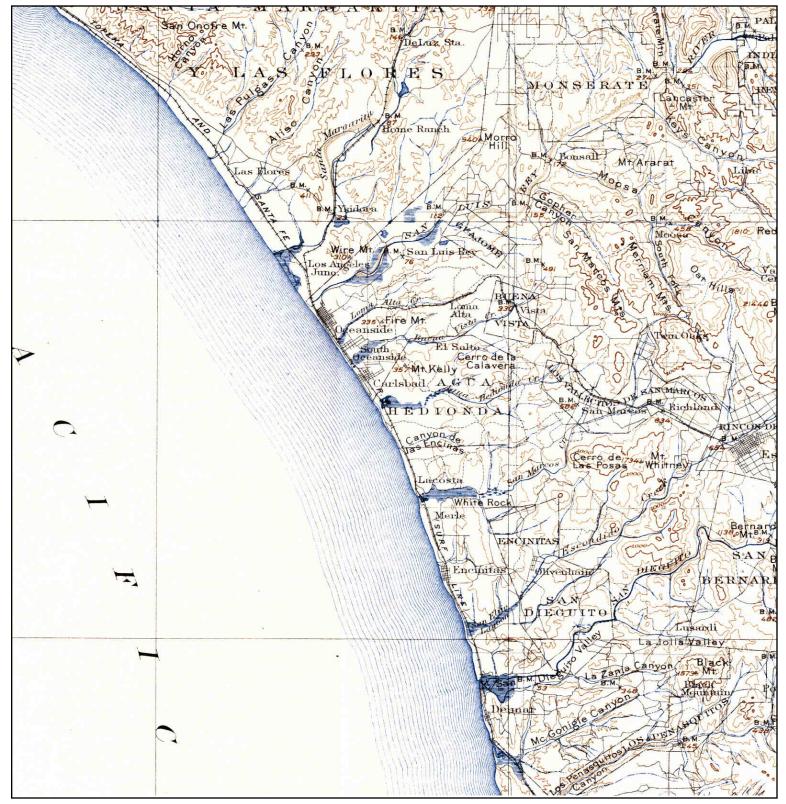
ADDRESS: 4600 Carlsbad Boulevard

Carlsbad, CA 92008

LAT/LONG: 33.1412 / -117.3298

CLIENT: The Source Group

CONTACT: Rachel Fischer/Scott Seipel



Unsurveyed Area on the Topographic Map

TARGET QUAD

NAME:

SOUTHERN CA SHEET 2

MAP YEAR: 1904

SERIES: 60

SCALE: 1:250000 SITE NAME: Encina Power Station

ADDRESS: 4600 Carlsbad Boulevard

Carlsbad, CA 92008

LAT/LONG: 33.1412 / -117.3298 CLIENT: The Source Group

CONTACT: Rachel Fischer/Scott Seipel

INQUIRY#: 4051269.4

RESEARCH DATE: 08/29/2014





TARGET QUAD

NAME: OCEANSIDE

MAP YEAR: 1947

SERIES: 15 SCALE: 1:50000 SITE NAME: Encina Power Station
ADDRESS: 4600 Carlsbad Boulevard

Carlsbad, CA 92008

LAT/LONG: 33.1412 / -117.3298

CLIENT: The Source Group

CONTACT: Rachel Fischer/Scott Seipel





TARGET QUAD

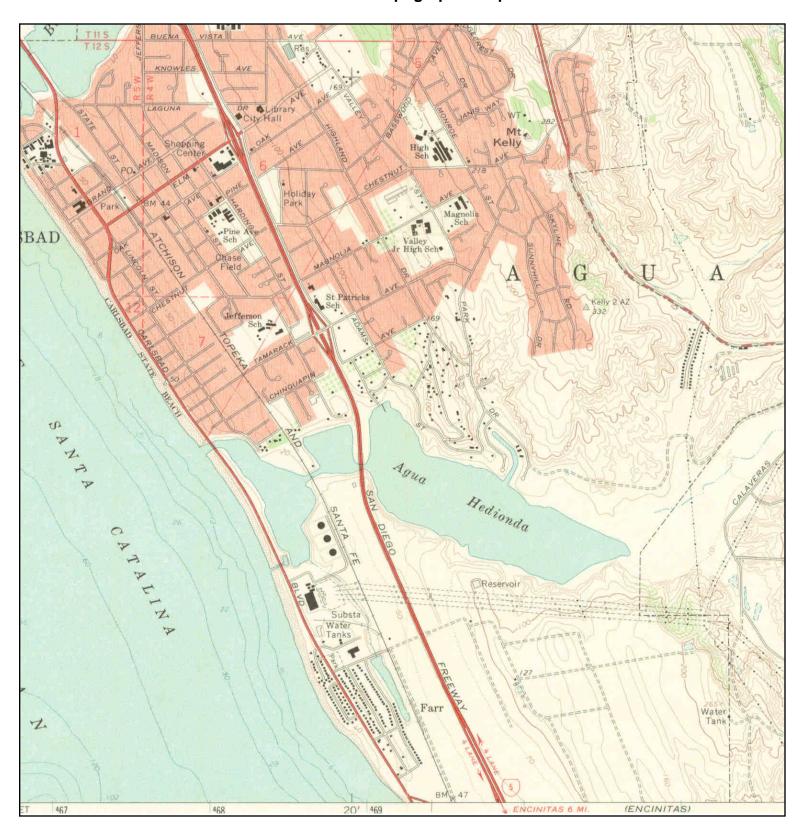
NAME: SAN LUIS REY

MAP YEAR: 1949

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Encina Power Station
ADDRESS: 4600 Carlsbad Boulevard

Carlsbad, CA 92008 LAT/LONG: 33.1412 / -117.3298 CLIENT: The Source Group

CONTACT: Rachel Fischer/Scott Seipel





TARGET QUAD

NAME: SAN LUIS REY

MAP YEAR: 1968

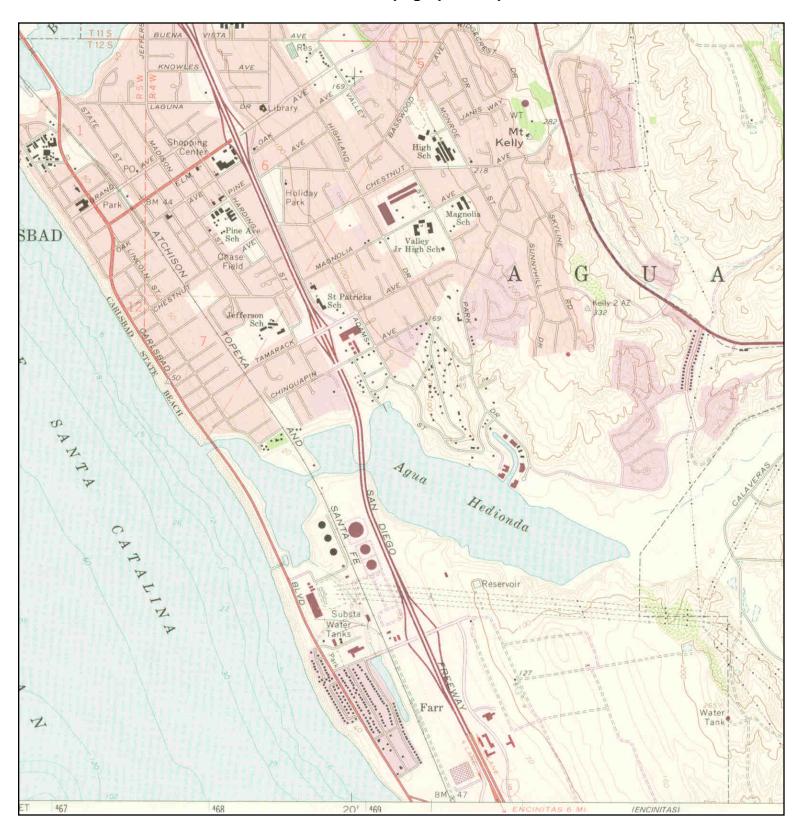
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Encina Power Station
ADDRESS: 4600 Carlsbad Boulevard

Carlsbad, CA 92008

LAT/LONG: 33.1412 / -117.3298

CLIENT: The Source Group

CONTACT: Rachel Fischer/Scott Seipel





TARGET QUAD

NAME: SAN LUIS REY

MAP YEAR: 1975

PHOTOREVISED FROM: 1968

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Encina Power Station

ADDRESS: 4600 Carlsbad Boulevard

Carlsbad, CA 92008

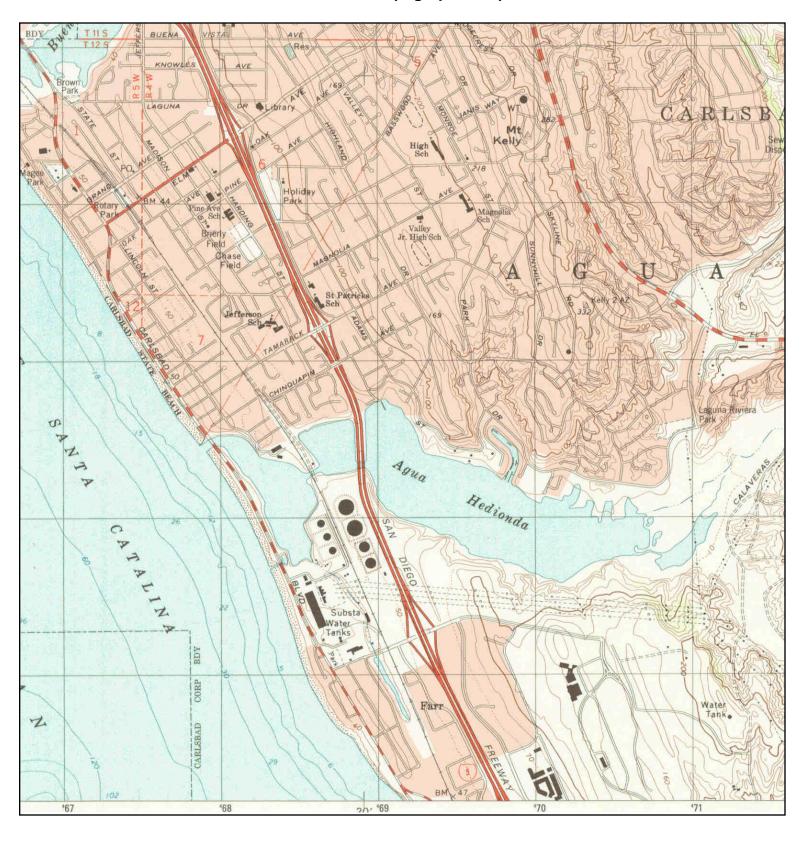
LAT/LONG: 33.1412 / -117.3298

CLIENT: The Source Group

CONTACT: Rachel Fischer/Scott Seipel

INQUIRY#: 4051269.4

RESEARCH DATE: 08/29/2014





TARGET QUAD

NAME: SAN LUIS REY

MAP YEAR: 1997

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Encina Power Station

ADDRESS: 4600 Carlsbad Boulevard Carlsbad, CA 92008

LAT/LONG: 33.1412 / -117.3298

CLIENT: The Source Group

CONTACT: Rachel Fischer/Scott Seipel

APPENDIX G EDR CITY DIRECTORY ABSTRACT

Encina Power Station 4600 Carlsbad Boulevard Carlsbad, CA 92008

Inquiry Number: 4057702.5 September 08, 2014

The EDR-City Directory Abstract



TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1903 through 2008. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	Text Abstract	Source Image
2008	Cole Information Services	-	-	-	-
2006	Haines Company, Inc.	Χ	-	X	X
2000	Haines & Company	Χ	-	X	-
1995	PACIFIC BELL WHITE PAGES	Χ	-	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	PACIFIC BELL WHITE PAGES	Χ	-	X	-
1989	Pacific Bell	-	X	X	-
1985	PACIFIC BELL WHITE PAGES	-	-	-	-
1984	R. L. Polk & Co.	-	-	-	-
1980	Pacific Telephone	-	-	-	-
1976	Luskey Brothers & Co., Inc.	-	-	-	-
1975	R. L. Polk & Co.	-	-	-	-
1971	Community Directory Co.	-	-	-	-
1970	John M. Ducy	Χ	-	X	-
1966	R. L. Polk & Co.	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	Source	<u>TP</u>	<u>Adjoining</u>	Text Abstract	Source Image
1965	Community Directory Co.	-	-	-	-
1962	Community Directory Co.	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	The Pacific Telephone Telegraph Co.	-	-	-	-
1956	R. L. Polk & Co.	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1952	R. L. Polk & Co. of California	-	-	-	-
1950	The Pacific Telephone & Telegraph Co.	-	-	-	-
1948	San Diego Directory Co.	-	-	-	-
1945	San Diego Directory Co.	-	-	-	-
1943	San Diego Directory Co.	-	-	-	-
1940	San Diego Directory Co.	-	-	-	-
1938	San Diego Directory Co.	-	-	-	-
1933	San Diego Directory Co.	-	-	-	-
1927	San Diego Directory Co.	-	-	-	-
1921	San Diego Directory Co. Inc.	-	-	-	-
1907	San Diego Directory Co.	-	-	-	-
1903	San Diego Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
5016 Cannon Road	Client Entered	
4970 Avenida Encinas	Client Entered	
4980 Avenida Encinas	Client Entered	
4600 Carlsbad Boulevard	Client Entered	X

TARGET PROPERTY INFORMATION

ADDRESS

4600 Carlsbad Boulevard Carlsbad, CA 92008

FINDINGS DETAIL

Target Property research detail.

CARLSBAD BLVD

4600 CARLSBAD BLVD

<u>Year</u>	<u>Uses</u>	Source	
2013	CARLSBAD AQUAFARM	Cole Information Services	
	NRG CABRILLO POWER	Cole Information Services	
2006	AQUAFARM	Haines Company, Inc.	Image pg. A1
	CARLSBD	Haines Company, Inc.	Image pg. A1
	LABORATORIES	Haines Company, Inc.	Image pg. A1
	MOTILE	Haines Company, Inc.	Image pg. A1
	NRG CABRILLO	Haines Company, Inc.	Image pg. A1
	POWER	Haines Company, Inc.	Image pg. A1
2000	C AI LABORATORIES	Haines Company, Inc.	
	CARLSBDAQUAFARM	Haines Company, Inc.	
1995	Carlsbad Aquafarm Inc	PACIFIC BELL WHITE PAGES	
	Metalclad Insulation Corp	PACIFIC BELL WHITE PAGES	
1991	Seafarms West	PACIFIC BELL WHITE PAGES	
1970	SD G &E Co Encira Pwr Plant 4600 Cart\$bied BI C	John M. Ducy	

Carlsbad Boulevard

4600 Carlsbad Boulevard

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	AQUAFARM	Haines Company, Inc.	Image pg. A1
	CARLSBD	Haines Company, Inc.	Image pg. A1
	LABORATORIES	Haines Company, Inc.	Image pg. A1
	MOTILE	Haines Company, Inc.	Image pg. A1
	NRG CABRILLO	Haines Company, Inc.	Image pg. A1
	POWER	Haines Company, Inc.	Image pg. A1
2000	C AI LABORATORIES	Haines Company, Inc.	

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CARLSBDAQUAFARM	Haines Company, Inc.
1995	Carlsbad Aquafarm Inc	PACIFIC BELL WHITE PAGES
	Metalclad Insulation Corp	PACIFIC BELL WHITE PAGES
1991	Metalclad Insulation Corp	PACIFIC BELL WHITE PAGES
	Seafarms West	PACIFIC BELL WHITE PAGES
1970	SD G &E Co Encira Pwr Plant 4600 Cart\$bied BI C	John M. Ducy

CARLSBAD ST

4600 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Metalclad Insulation Corp	PACIFIC BELL WHITE PAGES

ADJOINING PROPERTY DETAIL

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

CARLSBAD ST

4563 CARLSBAD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1989	W & W Construction Co P O Box	Pacific Bell

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TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

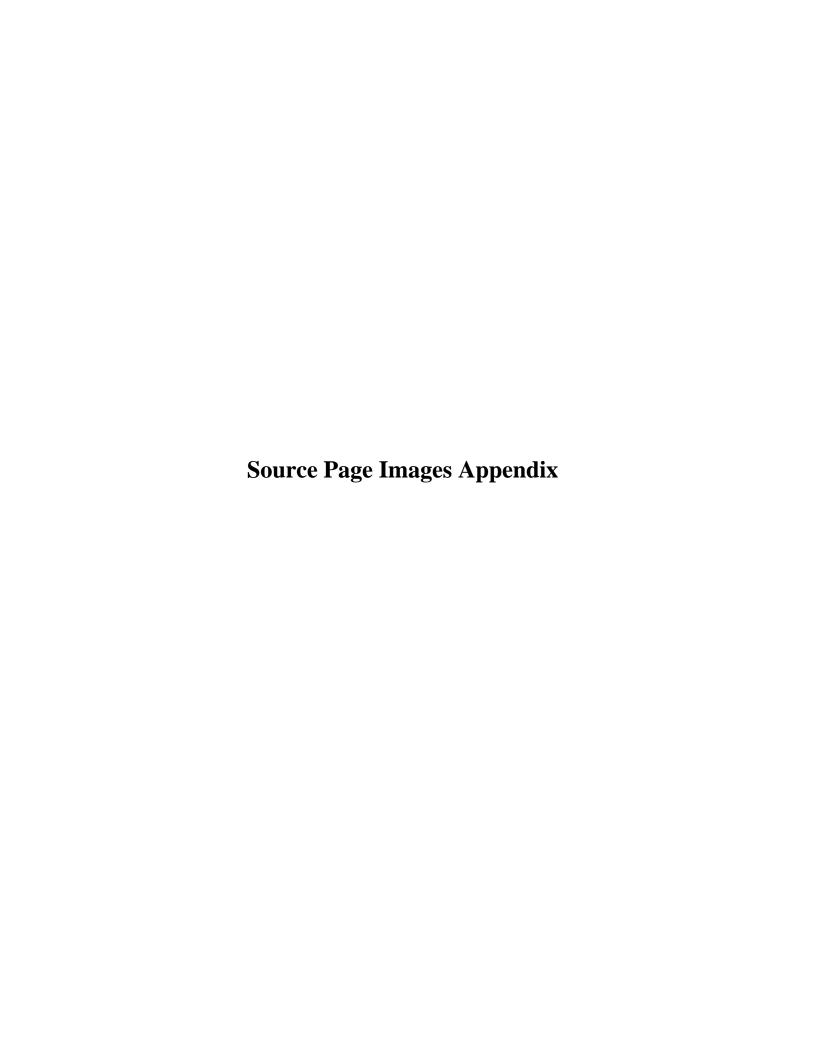
The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
4600 Carlsbad Boulevard	2008, 1992, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
4563 CARLSBAD ST	2013, 2008, 2006, 2000, 1995, 1992, 1991, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4970 Avenida Encinas	2013, 2008, 2006, 2000, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4980 Avenida Encinas	2013, 2008, 2006, 2000, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
5016 Cannon Road	2013, 2008, 2006, 2000, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903



<u>Source</u>
Haines Company, Inc.

CARLSBAD BLVD 2006

		SAN DIEGO NORTH	THE HAINES	DIRECTORY	2006	CARLSBAD VILLAGE DR
9123 d 1361 d	CARLIN HTS 92025 ESCONDIDO	291	W SYPIEN Anne 760-435- 2535 4	X JUNIPER AVE	★NEIMANS 760-729-4131 8 RESTAURANTS ★PET FRIENDLY 769-738-3235 +6 RENTAL	785 ★CARLSBD NAILS & 750-730-0116 8 HAIR SALON 795 ★AL'S CAFE IN THE 750-729-5448 9 VILLAGE
79 (WEALTH CODE 8	# 0 BUS 7 RES 1 NEW	THOMPSON Mary C 768-435-2361 4 4 YOMPANE Mb 768-435-2434 4	X HEMLOCK AVE	RENTAL ★RIVIERA EURO 760-585-2500 4	X JEFFERSON ST
S) 4	2508 GREENBERG Joffrey 760-741-3804	CARLSBAD BLVD 92008 CARLSBAD	VERHOEVEN 760-435- 2485 4	3810	#RIVIERA EURO 763-585-2590 4 COMFORT FOOTWEAR #ROBINSON J ROBBY 760-434-9555 8	802 ★CARLSBD OPTICAL 759-729-0284 804 ★BELL GEOFFREY 760-729-8500 DOS
t i	GREENBERG Johnsy 760-741-3208 2525 • CHIEN Mine DO 4			A • FRONCZÁK F CO 3 3824 • MORONG Daniel CO +6	* RUSIUN COMPANY /60-/20-4600 B	825 # CARLSED 760-729-3411 3
t : ! ;	SALYER Scott 760-489-8169 +6 ★ 0 BUS 4 RES 1 NEW	WEALTH CODE 4.4	VIERSMA AND 750-435-2385 4 VIOLLAM Jeen Ferr 750-435-2373 4	3840 MOTT Learne 760-434-4402 4 PHALEN Plinick 760-434-0245	*SACRED PATHWAY 760-436-7740 4 *SACRED PATHWAY 760-729-2434 4 *SALON 218DAY SPA 760-720-1221	CHRISTIAN ASSEMBLY 840 ± UNION BNK OF CA 760-729-7944 8 CARLSBID OFC
	CARLIN ST 92065	X MOUNTAIN VIEW DR	2858 * KOKO BEACH 760-434-6868 RESTAURANT	X REDWOOD AVE 3862 • CORBIN Algie 00 4	★SKINSATIONAL DAY 760-434-8118 8	CARLSBD OFC 880 • VILLAGE 76 760-729-5666 1 CARWASH
	RAMONA	2550 *SCANDIA MOTEL 768-729-3585 2564 *TAYLOR PLACE 768-434-3434 0 REAL ESTATE INC	X GRAND AVE	3878 #VIGILUCCI'S 769-434-2589 3 SEAFOOD& STEAKHOUSE	*SONOMA VALLEY 759-729-7700 4 MARKET *SPIRITO'S 759-729-1132	X HARDING ST
i	WEALTH CODE 3	*TRI AD PROPERTIES 760-434-9434 0 2605 *ACADEMY BY THE 760-434-7584 7 SEA	2905 ★COLORFUL NAILS & 750-434-4239 4 SPA 2906 ★WITCH CREEK 750-720-7499 8		*SUBMARINA 760-730-3045 0	901 ≠ JACK IN THE BOX 760-434-7141 RESTAURANTS
	X TOUB ST	SEA *ARMY AND NAVY 760-729-2385 0 ACADEMY	2907 *LAVERSON STEVE 760-729-8016 3	X SEQUOIA AVE	★SUSHITAISHO REST 789-729-2437 ★THE YOGA CT FOR 769-720-9642 4 PEACESWELLNESS	X HOPE AVE 945 ★TX LIQUOR 780-729-1836 7
4	130 ● HOUMES Brends OO 0	★ CAMP PAC 760-434-7564 ★ CAMP PAC FOR 760-729-2385	*PLASTIC SURGEON 760-729-8016 2	AQUAFARM	★TROPICAL SURF 769-729-3879 +6	CARLSBD 950 ★ CARL'S JR 760-729-7258
	133 • DAVIS Keith OO 4 157 • JONES Sleven OO 4 173 • HARTUNG Daniel OO 3	X CYPRESS AVE	2924 *STARBUCKS 760-434-0866 9	LABORATORIES 760-929-8213		955 * ALBERTSONS-SAV- 760-729-1808 ON 978 * DE MAIN I'S TRUE 780-434-1741 8
	188 ●BEACH Michael 00 2 X N HUNTER ST	2645 ★EBB TIDE INN&BCH 760-729-5500 8 APT RENTALS	2943 *SARA'S HAIR 750-729-0778 STYLING 2959 *KNOCKOUT PIZZA 750-434-4458 3	POWER	CARLSBD ★YINAKA CAFE 750-720-7890	975 * DE NAULT'S TRUE 760-434-1711 8 VALUE HARDWARE *TRUE VLE HDW 760-434-1711 8 DNLT'S TRE VLE
	★ 0 BUS 5 RES 0 NEW	KUEHN Jonathan 760-729-7418 3 PENA Coords 760-720-0729 + 6	2963 * RANCH & SEA 780-720-2440 MANAGEMENT CARLSBD	5080 XXXX DO	300 305 ★ROYAL PALMS 766-729-6108	1005 * ALL-BRITE VACUUM 760-434-6333 0
	CARLINA ST 92009	2655 *BEACH STREET 760-729-6786 2 **SALON **DELLINGER LYNDE 760-729-6786 3	*RANCH & SEA 760-720-0600 REALTY CARLSED	X SHORE DR 5097 • CANNON Meria DO 0	SPIRITS 325 *BOOTH & SUAREZ 756-434-8474 4 ARCH & PLNG	★BERDUGO 760-720-9093 4
Ý.	CARLSBAD	X BEECH AVE	2987 W COLD STONE 760-720-2974 O	5098 • KELLEY Frank DO 0 5114 • LABBE David DO 3 5117 XXXX DO	*DREAM WEAVER'S 780-728-2449 0 *LINSCO-PRIVATE 780-434-0403 4	★ CARLSBO FRENCH 760-729-2245 PASTRIES CAFE ★ CAPLSBD VII LAGE 780-739-4146
!	WEALTH CODE 8	2715 *BARBARA MCLAIN 768-720-2500 2 PROPERTIES *BARBARA MCLAIN 760-434-5161 2 PROPERTIES	2971 *CINDY'S SWIMWEAR 760-434-7554 2973 *GM CONSTRUCTION 760-434-4350 8	5128 • JULLIAY Christian 760-438-7381 3	*LINSCO-PRIVATE 788-4C4-0403 4 LEDGER FNCL SY ★MINOR BEVERLY 780-434-4838 MFCC	*CARLSBD VILLAGE 780-729-4146 CLEAKERS *EL CAMINO 760-729-2405 PHARMACY
:	X VERDE AVE			SDGER Michalle 760-502-9218 +6	★PREMIER 750-730-7888 9 COMMUNITY SERVICES LLC	PHARMACY MATTY'S 99 CENT 768-585-4321 4 CITY
	7404 • PRICE Carl A 760-942-6050 +6 7406 • TORAASON Jeffray W 760-753-0483	RESORT SPECIALIST 2721 * BISHOP KEVIN CPA 760-434-6560	* JAYS GOURMET 760-720-7342 PIZZA & SEAFOOD * JAYS GOURMET 760-720-9688	5140 **LAFONTAINE DO d Froderick 5155 **KLIMES Køry OO 3 5156 **MCNULTY Patrick OO 1	FINANCIAL MING	★POINSETTIA 768-729-1248 CLEANERS
	7407 • GODFREY Michael OO 9 7408 • SHEPHARD Glen OO 3	2721 *BISHOP KEVIN CPA 760-434-6560 *KLOYANISH STEVEN 760-434-0222 2729 *ISBELL INSURANCE 760-434-0100 7	PIZZA 8 SEAFOOD ★WITT'S CARLSHD 769-729-4423	5155 • KUMES Kerry OO 3 5156 • MCNULTY Patrick: OO 1 5157 • MCMILLIAN Robert 760-431-2531	★THE EQUITY 760-730-4588 4 CONSULTANTS	1025 *MOTEL 6 768-434-7135 2 1025 *MIKKO JAPANESE 768-730-0088 8
	7409 • GANGULY Gautem 00 3 1 7410 • RDCK John 780-942-3101 7411 • SILLS Judd 00 0	★ROYAL ALLIANCE 760-434-0253 4 ASSOCIATES	X CARLSBAD VILLAGE	MCMILLIAN Sharon 760-431-0004 5170 XXXX	★WOOD THOMAS 760-729-1159	CUISINE 1644 *CARLSBD CHEVRON 769-729-5851 8 *CHEVRON 769-729-6965 4
	7412 PINKERTON Shelly 760-632-5892 4	CALDWELL Strice 760-729-2447 + 6	DR DR	5171 MACMANUS Paul 760-431-1860 4 5173 *SUMMIT MORTGAGE 760-438-4557 () BRIAN	*WOODWARD 780-729-7901 HERBERT S 3D DDS 355 ★COUNTYWIDE 760-730-9799 2	*CHEVRON 769-729-6965 4 STATIONS INC 1048 *DENNY'S 769-729-8883 RESTAURANT NO
		CINQUE Christine 760-434-4324 + 6 207 CONNOLLY Patrick 760-434-7304 + 6	X LINCOLN ST	*SUMMIT MORTGAGE 750-438-5430 0	MORTGAGE NIELSEN ROM 1. 760-729-5042 4	1655 * BOB'S CARLSBD 760-729-5121 CLOCK SHOP SALES
	7414 • JACKSON Roy CO 4 7415 • SNYDER Kellin CO 0	★ELEGANCE COPY 760-730-3946 +6 JEWELRY ★JADE SHOES & 760-730-3730 +6	3001 ★BEACH & INLAND 760-434-4521 4 MRTG SERV ★CA WEAR 750-729-5650	5184 • CARIS Shirley C 769-579-0186 2 5185 • MUUSKOVIC Ruth 759-431-2769 2	#WINDERMERE 760-434-4340 4 EXCLUSVE PROPERTIES	CLOCK SHOP SALES *CARLSBD CLOCK 769-729-5121 SHOP
	7416 • WEBER Mark OD 0 7418 XXXX OO 7420 • JAMOUS Suleiman OO 4	★JADE SHOES & 760-730-3730 + 6 ACCESSORIES ★SALON 750-729-8100 + 6 PREFONTAINE	★CENTURY 21 BCH & 760-434-4521 4 INLAND RLEST ★DAILY NEWS CAFE 760-729-1023	5192 • JULLIAY Christian OO 4 5195 XXXX OO 5197 XXXX OO		★CLOCK SHOP BOBS 760-729-5121
	LEROUX Jean 760-479-0855 2 7422 • PATTON Kenneth OO 2	SIMONS John 750-434-9809 +6 SIMONS John 760-434-9074 +6	# DAILY NEWS CAFE 780-729-1023 THE ★FAMULARE 760-434-7740 1 JEWELERS	5197 AXXXX OU 5220 SAHAGUN Alfred OO 3 5225 SLANG Gary OO 0 5227 XXXX OO	377 *MARIAHTS 766-729-8046 +6 WESTMIND RESTAURANT 395 XXXX 00	MEXICAN AND
	X HATACA RD	★TAN BY THE SEA 780-729-1792 + 6 ★YOUR HOME AS 750-720-1107 + 6 SANCTUARY	★ HAIR SPATHE 760-729-5051 7	5227 XXXXX GO 5234 VINZANT Marian 760-438-4878 2	X WASHINGTON ST	*GOLDEN TEE 760-729-2626 COCKTAIL *GOLDEN TEE 760-729-8656 COCKTAIL LOUNGE
	★ 0 BUS 17 RES 1 NEW	2744	# LINDA'S YOGURT 760-729-3005 3003 # FIDEL'S 760-729-0903 3016 # CESSY TACD SHOP 760-434-2648	5238 XXXX DO 5262 SCHOENLEBER 750-918-0968 3 Charlie WEITZ LInda J 780-431-2235 4	399 *THE VINE CHURCH 766-434-5733 4 400 *CARLSBD 766-434-8993 CONVENTION & VSTRS BUR	COCKTAIL LOUNGE *HANSEN 760-720-9191 2 VANLALMAWII
	CARLO ST 92078 SAN MARCOS	2752 RICHARDSON 760-434-8802 +6 Charles C	3040 *ELCORRAL 760-729-1328	1 5276 ■ MACKENZIE Dougles CO 2 1	YSTRS BUR ★CARLSBD VISITOR 760-434-6093	*POINSETTIA BRBR 760-729-2997
	401 TYLER Lyle D 760-727-6323 4	2756 *SCHALL NORMAN & 760-450-0669 4 ASSOCIATES 276D RAPP Sean M 760-729-8530 + 6	*POTTERY EL 760-729-1328 CORRAL 3075 * CARLSBO INN 760-434-7020 BEACH RESORT	5290 • AKIN Sadri OO +6 5300 • RUSSELL Paul 760-603-1996 2	VSTRS BUR ★CARLSBD VISTOR 760-434-5093 INFO COTTR 11F5H HOUSE 760-434-6777 VERACRUZ	*RED CARPET 768-729-6881 5TYLING *VILLAGE HAIRLINES 768-729-3355
	464 XXXX OO 468 DAVIS Didx 760-727-8650	276D RAPP Sean M 760-729-8530 + 6 2764 WEINSTEIN Howard 760-730-1611 + 6 2768 D'ORAZI David F 760-720-0827 + 6	BEACH RESORT *ENTERPRISE RNT A 760-434-3411 +6 CAR CRUSHO	6210 YYYY 00	425 #POPULAR NAILS 760-729-9189 4	1089 *CARLSBD GAS & 760-729-0616 2
	411 HOUSE Carlo 750-598-0305 4 412 • PAPOUTSI'S Georgics 750-727-4476	2772 BROWN Jim 760-730-9909 4 WARSHAWSKY 760-729-7619 4	3076 *CAFE ELYSA 760-434-4100 2	5360 GODDWIN Onle E 760-438-7353	SALUN 445 ★CREATIVE HAIR 760-434-3353 8	
	418 • RANGEL John CO 4 427 HOWKINS Methow 780-727-2337 +6	2775 *ST MICHAEL'S BY- 760-729-8901 THE-SEA CH	X OAKAVE 3126 ★ARMENIAN CAFE 760-720-2233	S370 ◆SCURLOCK John 00 0 X CEREZO DR	457 ★ANTIQUE JUNCTION 780-434-2332 9 ★R & D 760-729-5893 +6 COLLECTA BLES	1186 *CARLSBD CTY 760-434-2824 3 WRKS GENL PK MNTNC
	436 ● CORSER Nigel CO 8 446 ● CORREA Sa OO 4	2776 THOME Micheel A 760-729-4939 + 6 2778 APARTMENTS	THE *HEY FLOWER MAN 760-720-7251 0	5410 EROWN Laverne 760-931-9226 +6	X STATE ST	X PIO PICO DR
	448 • ROSALES Jaime OO 3 SUAREZ Jaime 760-597-9487 4 Rosales	ANSEL Gayle 760-434-3759 + 6 203 BUNSHAFT Alexandra 760-434-6186 + 6	3136 #SURF MOTEL 760-729-7981 X PINE AVE	5440 • THOMAS Linda OO 0 5460 • BOSMIA Rasik OO 4	505 ★GIACOLETTI MUSIC 760-729-1335 525 ★BOB NIELSEN& 760-434-1723 ASSOCTS	1200 *CARLSBD CTY ARTS 763-434-2920 OFFICE *CARLSBD CTY ATTY 763-434-2891
	★ 0 BUS 11 RES 1 NEW	BUNSHAFT Robert 760-730-0888 + 8 FLORES Chris 760-434-4353 + 6 KENNERLY Andrew 760-434-4437 + 8	3145 DEWITT David 760-720-0388 + 6 GRUBB James 760-434-8012 + 6	5464 • VANLEERSUM Robert 769-803-9083 2 5480 AWAD Adia 760-438-0099 4	* NIELSEN BOBS 760-434-1723 ASSOC	* CARLSED CTY 760-434-2830
	CARLOTA ST 92129 SAN DIEGO	KIRKHAM Remy 760-720-3714 + 6 201 POTTS B 760-730-9004 4	NOVAK Bryce 760-729-4062 4 3162 #GARCIA'S 760-730-3950 4	5490 SAMUELS COCIE 760-438-0728 X MANZANO DR	* NIELSEN PROPERTY 760-434-1723	★ CARLSED CTY HALL 760-434-2820 ★ CARLSED CTY 760-434-2821 MANAGER
			PRECISION ACOUSTIC 3179 *HARBOR FISH CAFE 766-729-4161	★ 83 BUS 180 RES 32 NEW	★SALTY TALES FOR 760-738-7321 +6 YOUNG READERS	MANAGEN *CARLSBD CTY 760-434-2898 RECORDS MANAGEMENT
	WEALTH CODE 6 11005 HASSETT Skryen J 859-672-2351	2780 • GRIGORAS Ludvik OO 9 *KELLER WILLIAMS 750-730-9625 4 CARLSBD *ROGERS CHARLES 750-730-9625 4	★ OFFSHORE SURF 760-729-4934 SHOP	CARLSBAD BLVD 92011 CARLSBAD	529 *ALLSTATE INS CD 760-729-1120 *HUTCHISON MERRI 760-729-1120 8	1207 BUILDING
	11008 • ABBOTT Gorald P 858-672-1478 11017 XXXX OD	*ROGERS CHARLES 750-730-9625 4 REAL ESTATE 2796 *RAW SKIN SURF N' 750-434-1122 9	3180 ★BEACH VIEW LODGE 780-729-1151 ★BEST WESTERN 760-729-1151 BEACH VIEW LODGE	1	*YEGA'S TAILOR 760-729-7219 9 SHOP 530 ★ENTOURAGE 760-729-9000 7	★A TOTAL FIT 760-729-6178 TAILRNG ★A1A TTL FIT 760-729-6178 +6
	11018 • BUSALACCHI Leurie OO 8 11027 • LOUGHRAN Fred OO 0	X CHRISTIANSEN AVE	X WALNUT AVE	8450 **HILTON GARDEN 760-476-0800 2 INN CARLSBAD 760-476-0800 2 ** 1 BUS 0 RES 0 NEW	531 * HAIR BY SANDRA 760-729-9444 4	* AMER CREMATION 760-729-9182 4
	11028 XXXX OO 11037 • AJMAL Mustafa OO + 6	2802 *CARLSBD MINERAL 760-434-1887 4	3200 • KRAJEWSKI John OO 3 • MCCULLOUGH David OO 4 *TAMARACK BEACH 760-729-3500	CARLSBAD VILLAGE DR	539 *ANASTASI 760-729-8865 4 DELVELOPMENT CO	★BOHN SARAH PHD 760-729-8541 ★CALIFORNIA 760-434-9774 1 CONSULTING GROUP
	11038 • JACKLYN Den 858-672-2812 11047 • HALE Undsey OO 0 11048 • BRYANT Andrew OO 1	AMES Ed 760-435-2402 4	#THESHADE DESAN STRAYON TOTAL	92008 CARLSBAD	*DIGITAL 788-729-2095 8	GROUP *CALIFORNIA 769-434-2242 1
	11057 • KASHANI Iraf OO D 11058 BOSTATER Charly 858-872-1495 4	8 BAKKEN Chrismarie 760-435-2457 4 8 BAKKEN Giern 760-435-2457 4 BANGSUND CW 760-435-2356 4	3290 * DINI'S BY THE SEA 760-434-6000	WEALTH CODE 3.6	★GIOVANNI FAN 768-730-0171 4	#CALIFORNIA 769-434-2242 1 CONSULTING GROUP #CARLSBD BEAUTY 769-728-0045 SUPPLY & SALON
	■ REDDISH Luz OO 0 11088 ■ KNOFF Julia W 858-872-9856 4	BANGSUND CIM 760-435-2356 4 BISSETT DI 760-435-2484 4 BISSETT GI 760-435-2484 4	GERBER Gery 780-434-8665 • GROSSMAN Kenneth DO 3	X GARFIELD ST	CALIFORNIA FUNDING	
	11078 • ROMUBIO Jose 00 9 4 X RAJU ST	BIVENS Jumes J 760-435-2425 4 BOGGS Cilmer Clean 780-435-2479 4	 LOVING Graham 750-434-2106 a 4 MERHAB Marian M 760-434-0248 	264 *FRESCO 760-720-3737 4 *TIBERIUS ANTRO 760-720-3737 1	*TURNER REAL 760-729-2333 3	*ELITE GLASS & 769-720-1023 +6 WINDOWS *GPDOMINGO & 760-729-3275 4 ASSOC
	11088 • FRENCH Daniel DO 9 11094 • FREFINAN Roy 858-672-7232 4	BRANSFORD Thomas 760-435-2528 4 BRIGGS James M 760-435-2460 4	● PARSONS Bob 760-434-6323 9 X SYCAMORE AVE	276 BECKMAN Deborah 760-720-0792 4	540	★HAIR DESIGN BY 760-729-0045 4
	11097 • KUNS Jeffrey OO 4 11098 HUTSON Gregory W 858-872-2881 +6	BUTTERFIELD 760-435-2370 4 Doroby L ★ CARLSBD BY THE 760-720-4580 3	3360 XXXX XX	X CARLSBAD BLVD	CHRSTN BOOK STR 562 *BLACK WHALE 780-434-3113 LIGHTNG	*HURST BRENT DDS 750-726-8101 2 *INDEP SENIOR 750-730-3857 4
	11184 XXXX 00 4	SEA *CARLSBD BY THE 760-435-2326 3 SEA CARE CENTER	3374 ● CAITO Sam OO 0 3384 WITTERSHEIN 760-434-5148 2 George	300 BUILDING	tgn ng 571 ★ CARLSBD 760-720-7007 9 BREWERY-PIZZA PORT	FINANCIAL INC #LANDMARK 760-730-7830 2 INSURANCE
	11113 • TAYLOR Michael DO G 11114 • BARISH Aaron 858-672-2899 3	SEA CARE CENTER CLAY Vic 760-435-2360 4 COHEN Wallace 760-435-2450 4	X CHESTNUT AVE	*ACF PROPERTY 760-720-9085 +6 MANAGEMENT *ASSOCTD BROKERS 760-585-2366 4	★LARA JOHN 780-730-3788 4	#LIFTHEN SHE A DDS 760-434-1066
	11117 • EDWARDS Jesse 00 8 11118 • PALKOVIC Daniel 00 4	COLLIN Edwin R 760-435-2455 4	3406 XXXX OD 3418 • LANGEN Rose OO 7 3424 XXXX DO	*ASSOCID BROKERS 760-585-2366 4 *BABCOCK 760-434-3483 +6 FINANCIAL	PORTCARLSBAD BREWERY	★LINDQUIST KEVIN 760-434-4333 4 DC ★MALIN CRAIG J DND 768-729-0342
	11124 • RIVARD Erik OO 4 11127 • KIRKER Julie 858-872-0499 1	227 ERICKSEN Everett A 760-435- 2447 4 ESPY James 760-435- 2522e 4	3430 ONDER Joseph 760-729-3415 3432 ABRIGNANI Maureer: 760-730-9468 4	*BABCOCK 760-434-3403 +6 FINANCIAL SERVICES *BUSINESS 760-730-3490 4 MARKETING CONSULTANTS *BURBE GIET 780-730-3496 0	*PORT BREWING 760-720-7012 2 574 *SHEAR MAGIC 760-729-4355	★NALLEY TODO DDS 760-730-0140
	11133 PESCATORE Robert 00 0 11134 DAMRON Douglas 00 8	FEDER C M. 760-435-2426 4 GERHARDT J. 780-435-2518 4 HARVEY Danald 760-435-2486 4	ABRIGNANI Maureen 760-730-9496 4 3434 WIEGLEB Stacey 760-730-7302 4	MARKETING CONSULTANTS *BWARIE GIFT 760-730-1456 2 BASKETS CO THE	576 * BARK SHOPPE 789-729-1763 3 578 ** PAPERBACK BOOK 789-729-4101 EXCHANGE 592 ** BEACHED GLASS & 789-720-5345 4 8EADS	★ NORTON REAL 760-585-2330 4 ESTATE ★ OCEANS 7 760-720-7200 +6
	11137 • LEWIS Michael R 858-672-7772 1 • LEWIS Michael R 858-672-7775 1	HILDINGER Gretchen 760-435-2436 4 HIRD Tim Uw 760-435-2536 4	3436 XXXX 00 3438 XXXX 00	BASKETS CO THE *CRSTEMPORARY 750-720-7720 0	592 *BEACHED GLASS & 780-720-5345 4 BEADS	* OCEANS 7 760-720-7200 +6
	11138 • CERRUTO John OO 4 11144 • CHRISTIAN Alvarh 858-572-8993 0	HOLM Zeta 760-435-2517 4 JOHNSON William 760-435-2365 4	X MAPLE AVE 3450 • JDHNSON Lloyd 00 0	*C R S TEMPORARY 760-720-7720 0 HOUSING *CARLSBD-OCEANSD 760-434-8497 ART LEAGUE	X ROOSEVELT ST	PHD ★ TRACY DAVID J DDS 760-434-4301
	11147 • REINA Lisa M 858-672-4420 0 11148 • ROBSINS Frank C 858-572-2412	Stan N317 JONES Raymond D 760-435-2473 4	3454 • GAHR Kelly 750-434-9429 3	*CILANTRO LIVE 760-585-0136 +6 RESTAURANT *COMERICA BANK 760-730-7900 3	860 *BLOCKBUSTER 760-730-0083 8 VIDEO *DIRECTTY 760-434-0138 4	1207
	11154 • SCHILTZ John 00 + 5 11155 • DEMENT Richard Jr 858-872-1462 11158 • JAYARAMAN Sumani 858-672-2151 0	LEVENTHAL Willam 760-435-2546 4	3470 SPURGIN Lawrence 760-729-3800 3474 JORDAN R J 760-729-0715 3490 MELE Jack 760-729-6734	*CORP RELOCATION 780-720-0044 4	*DIRECTV 768-434-0138 4 675 *CA BK & TRUST 769-720-9500 4 CARLSBD VLG OFC	DECAMARA Donald M 760-730-7404 4 Alty
	11159 • GANDOLFO Stave 858-872-1063 9 11167 • BAKELY Bruce 858-672-1226e	MATSON Carlin 760-435-2353 4 MAYFIELD Violet 760-435-2516⊕ 4	3492 • MARTIN Andrew OD +6	*COYOTE BAR& 780-729-4695 GRILL *DAVID'S WATCH 760-439-6500 4 REPAIR	CARLSBD VLG OFC *ELDORADO BANK 769-720-9300 9 690 *ASK THE JEWELER 760-729-0143 4	# DGA FIRANCIAL INC 760-729-4569 +6 # JOHNSTON JOE 760-434-1137 3
	11168 • RICHEY Jennifer 00 4 11178 • LEE Seung Kyu 858-672-0345	MCAULEY P Watson 750-435-2416 4	X ACACIA AVE 3510 • MUTSCHELLER 760-729-5745 Elaline A 3512 CORDER Jeny L 750-434-8567	REPAIR *EDWARD JONES — 760-434-9555 7	#HOT SHOTS 769-720-9115 8 EYEGLASS FRAME	★ MONARCH HOMES 765-720-7240 4 ★ PROPERTY 785-729-1444 0 MANAGEMENT
	11187 • MOZULAY Edmund OO e 8 11188 • CLOSE Guy 858-672-3155 O	MCHENRY Edith E 760-435-2472 4 332 MILLER Jean Hegen 760-435-2449 4 1 MOHRLOCK HF 760-435-2523 4	3512 CORDER Jerry L 760-434-8567 3516 • TANNER Mark OD 4	*EFWARD JONES — 760-434-9555 7 INVESTMTS *ELJMINATE 760-434-3403 +6 FINANCIAL SERVICES	★IN-HOME CARE 760-730-0480 2	PROFINE
	X AMALIA ST # 0 BUS 46 RES 3 NEW	NEWELL Fran 760-435-2544e 4 NEWELL Fran 760-435-2544e 4	3516 • TANNER Mark OD 4 3518 • OURESHI Kamvan OO 9 3570 XXXX OO	SERVICES ★ERA PACIFIC 760-730-7990 2	*PONTO CLEANERS 760-729-3569 3 *SAMMY TIPPIT 760-729-0200 4 MINISTRIES	*WINDSOR CAPITAL 780-730-0098 +6 MORTGAGE CORP 1250 *GARLSBD CTY LBRY 780-434-2871
	CARLOTTA WAY (01)	PIERS E) 760-435-2533 4 QUILLIN Gienn 760-435-2431 4	3586 ★CHROMANT 760-729-9620 4 VASQUEZ EI 760-720-0622 4	REALTY *GOJU KARATE 760-434-0353 CENTER	★SAND & SEA 760-434-7873 4	★ CARLSBD CTY LBRY 760-434-2897 ★ CARLSBD CTY LBRY 760-434-2874
	92057 OCEANSIDE	RANGOLPH M M 760-435-2452 4 ROBINSON B 760-435-2407 4	X CHERRY AVE	3ERVICES *ERA PACIFIC 760-730-7990 2 REALTY *GOUN KARATE 760-434-0353 CENTER *ORFGOORIO'S 760-720-1132 4 PIZZAS PSTS & STA	* VINTAGE GROUP 760-720-6242 0 X MADISON ST	* CARLSBD CTY LBRY 780-434-2931 *CARLSBD CTY LBRY 780-434-2898 HISTORY ROOM
	WEALTH CODE 4	RUITERMAN 760-435-2462 4	3612 TANNER Mark 760-720-4649 3 3636 JONES Brande 760-720-0284 4	ATTY	710 *MCMILLIN REALTY 760-720-4400 1	★ CARLSBD CTY LBRY 760-434-2870
	281 • JACINTO Jorge 00 +6	RUTHERFORD Gerald 760-435-2445 4	3638 XXXX OO 3648 ************************************	★HENDERSON 760-729-5056 JEWELRY ★LINDA'S GIFT 760-720-7525	*MCMILLIN REALTY 760-729-2900 1 INC 745 *KENTLICKY EPIED 760-729-7213 7	*CARLSBD CTY LBRY 760-434-8113
	285 • STINNETT Richard OO 0 287 CRIDER K 750-439-5054 1	SAWYER Corrine 760-435-2400 4 SCHECHTER Arry B 760-435-2358 4 SHAW Zy Fritz 760-435-2445 4	3664 • LASTAVICH Louis 760-729-1871 7 3660 • FERAYORNI Justin CO 4 3664 XXXX OO	*MAIL BOXES ETC 760-434-9933	745 *KENTUCKY FRIED 760-729-7213 7 CHKN 755 *COAST CLEANERS 760-720-4329 1	1265 *MARCOTTE 8 780-434-3109 +6 HEARNE BUILDERS
	DUNLAP Kimberty 760-529-9912 289 • WILSON Michael 00 4	SILLERS Archie 760-435-2513 4 SINGER Ining 760-435-2363 4	3868 • RICHAROSON Donald OD +6	★MARTIMSCO 760-720-1938 CLTHING FOR MENA	765 # CENTURY RUGS 760-730-7550 4	X HIGHLAND DR ★ 199 BUS 5 RES 19 NEW
		SMITH Ann P 760-435-2357 4 SMITH Ns 760-435-2512 4		* MEDICAL STAFFING 760-729-9877	COMMERCE *TRAVELEX 760-720-9791 +6 CURRENCY SERVICES INC	
		SPRUNG Norman A 760-435-2514 4		*MR PEABODY'S 760-434-4412 0 STEAK & ALE	SERVICES INC ≠US BANK 760-720-2877 1	
			⊕=DO h	NOT MAIL OR PHOTOCOPIED, IN ANY MANNER WHATSOEVE		

APPENDIX H CLOSURE LETTERS

Sionit, Nasser

From:

Sionit, Nasser

Sent: To: Wednesday, May 01, 2013 10:23 AM 'Henika, Sheila'; Maschue, Manon E.

Cc:

Carter, Jerry; Piantka, George; Sisk, Tim; Bergeron, Daniel W.; Sawyer, Tony

Subject:

RE: Request for partial VAOM 13941-004 closure

Hello Sheila:

I have completed my review of the report dated February 28, 2013 and prepared by SCS Engineers. The results of your investigation were discussed with our DEH Hydrogeologist. DEH concurs with the findings and with the conclusions as stated in the report. This email is to inform you that no further investigation will be needed in the subsurface at the location of the former WWT Facility. Please note that if in the future a new discovery of contamination is made at this location, further assessment of the contamination will be required.

Nasser Sianit, Ph.D.

VAP Program Coordinator
Environmental Health Specialist III
Site Assessment and Mitigation
Department of Environmental Health

From: Henika, Sheila [mailto:Sheila.Henika@nrgenergy.com]

Sent: Monday, April 22, 2013 11:34 AM **To:** Sionit, Nasser; Maschue, Manon E.

Cc: Carter, Jerry; Piantka, George; Sisk, Tim; Bergeron, Daniel W.

Subject: Request for partial VAOF113941-004 closure

Nasser,

Recently, Cabrillo Power I LLC, Encina Power Station sent DEH - HMD a request for final closure of the Conditional Authorization for the wastewater treatment facility.

Cabrillo would like to ask DEH - SAM if we may obtain a partial closure of the H\$13941-004 Voluntary Assistance Program for the wastewater treatment facility (WWTF) only. Closure processes and parameters were discussed in the "November 2009 Closure Plan Prepared for the Wastewater Treatment Facilities at the Encina Power Station, Carlsbad, California, Cabrillo Power I LLC". On March 7, 2013 the final report addressing the former WWTF was presented to DEH – SAM with the soil sampling results, observations, and other parameters intended to meet VAP closure requirements, "Final Documentation and Assessment Report for the Decommissioning and Closure of the Conditionally Authorized Hazardous Wastewater Treatment System". All of the sampling results are below the CHHSL cleanup levels except for arsenic. The arsenic results are below the agreed upon 6mg/kg.

Please let us know if you require any further information in order to determine closure of the wastewater treatment facility portion of the VAP H113941-004. The oil portion of the VAP would be closed at a later date once all the sampling and evaluation of those areas is complete. Let us know if you require separate report review expediting funds or if invoicing to the VAP H113941-004 is sufficient.

Regards, Sheila

Sheila Henika, P.E., MBA-TM NRG Cabrillo Power Operations Inc.



County of San Diego

GARY W. ERBECK DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH LAND AND WATER QUALITY DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261 619-338-2222/FAX 619-338-2315/1-800-253-9933

www.sdcounty.ca.gov/deh/lwq

March 18, 2005

Ms. Barbara Montgomery San Diego Gas & Electric 6875 Consolidated Way San Diego, CA 92121

Dear Ms. Montgomery:

VOLUNTARY ASSISTANCE PROGRAM, FILE H13941-003 SDG&E/SEMPRA ENCINA POWER PLANT 4600 CARLSBAD BLVD., CARLSBAD, CALIFORNIA

The Department of Environmental Health (DEH), Site Assessment and Mitigation Program (SAM), has reviewed the environmental investigation and remediation reports related to the above-referenced property, prepared by your environmental consultants. The reports summarize the site investigation and mitigation activities performed at the above-referenced location. Provided that the information presented to DEH/SAM was complete, accurate, and representative of existing site conditions, this agency concurs that the cleanup goals established for the subject site have been met.

Please be advised that this letter does not relieve the responsible party of any liability under the California Health and Safety Code or the Porter Cologne Water Quality Control Act. If previously unidentified contamination is discovered which may affect public health, safety and/or water quality, additional site assessment and cleanup may be necessary.

Changes in the proposed use of the above site as mixed residential/commercial may require reevaluation to determine if the change will pose a risk to public health.

Thank you for selecting the Department of Environmental Health as your lead agency to assist you with the progress of your environmental project. Please contact Nasser Sionit of the Site Assessment and Mitigation Program, at (619) 338-2239, if you require additional assistance.

Sincerely.

GEORGE McCANDLESS, Program Manager Supervising Environmental Health Specialist Site Assessment and Mitigation Program

GM:NS:kd

Enclosure

cc: John Anderson, Regional Water Quality Control Board

WP/H13941-003-305VAPCLO

RICHARD HAAS

ASSISTANT DIRECTOR

Case Closure Summary Non-LOP or Voluntary Assistance Program

I. AGENCY INFORMATION	DATE: March 15, 2005
Agency Name: County of San Diego, Environmental Health, SAM	Address: P.O. Box 129261
City/State/ZIP: San Diego, CA 92112-9261	Phone: (619) 338-2222 FAX: (619) 338-2377 ·
DEH Staff Person: NASSER SIONIT	Title: ENVIRONMENTAL HEALTH SPECIALIST III

Case No. H13941-003	RWQCB Case No. N/A			
Site Name: SEMPRA/ ENCINA POWER	PLANT Site Address: 4600 CARLSB	Site Address: 4600 CARLSBAD BL, CARLSBAD 92008-4301		
Property Owner: SDG&E, Attn.: BARB	ARA MONTGOMERY	· · · · · · · · · · · · · · · · · · ·		
Responsible/Requesting Parties	Address	Phone Number		
SDG&E	6875 CONSOLIDATED WAY SAN DIEGO, CA 92121	858-547-3330		
Type of Case: NON-TANK CASE	- 			

SITE CHARACTERIZATION AND/OR INFORMATION 111.

Purpose of investigation: SPILL DU	TO FACILITY'S OPERAT	ION	Substances investiga DIESEL AN	ted: D HEAVY METALS		
Site Characterization complete? YES						
Monitoring Wells Installed? YES	Total Number: 16	Proper Sc	reened Interval? YES	-Number of decommission	ned wells: 16	
Range of groundwater levels on the site? 10 - 20 FEET (MEASURED)		JRED)	Groundwater Flow Direction: WEST (ESTIMATED)		MATED)	
Most Sensitive Current Use: Benefici EXISTIN	al Groundwater Use: None G BENEFICIAL SURFACE			C1, REC2	· · · · · · · · · · · · · · · · · · ·	
			RWQCB Basin Number: 904.31 Note 2: Aqua Hedlonda Lagoon-Los Monos Hydrologic Sub Area			
Is Surface Water Affected? NO		Nearest Surface Water name: PACIFIC OCEAN, 1000 FT.				
Off-Site Beneficial Use Impacts (addr	esses/locations): NONE C	BSERVED			· · · · · · · · · · · · · · · · · · ·	
TREATMENT AND DISPOSAL OF AF	ECTED MATERIAL					
Material Contaminated soil	Amount (Include Units) 4,426 Cubic yards	,	Action (Treatment or Transported to TPS T	Disposal) echnologies for recycling	Date 1-15-04 to 2-10-04	

Non-LOP - Underground Storage Tank Oversight handled outside the LOP Non-Tank - Voluntary Assistance Program

Case Closure Summary Non-LOP or Voluntary Assistance Program

III. SITE CHARACTERIZATION AND/OR INFORMATION (Continued)

H13941-003

	MAXIMUM	REMAINING	<u></u>
<u> </u>			•
Diesel	= 21000 mg/kg	= 530 mg/kg	
Benzene	< 5 mg/kg	< 5 mg/kg	
Toluene	< 5 mg/kg	< 5 mg/kg	
Ethyl benzene	= 6.47 mg/kg	= 6.47 mg/kg	
Xylene (individual isomers or total)	= 59.4 mg/kg	= 59.4 mg/kg	
Lead	< 0.014 mg/kg	< 0.014 mg/kg	
Polychlorinated Biphenyls (PCBs)	< 0.08 mg/kg	< 0.08 mg/kg	
PAHs .	< 20 mg/kg	< 20 mg/kg	
<u>/ATER</u>		•	
Diesel	= 2400 ug/l	= 2400 ug/l	
Benzene	< 0.5 ug/l	< 0.5 ug/i	
Toluene	< 0.5 ug/l	< 0.5 ug/l	
Ethyl benzene	< 0.5 ug/i	< 0.5 ug/i	
Xylene (individual isomers or total)	< 0.5 ug/i	< 0.5 ug/l	
Arsenic	= 22 ug/l	= 22 ug/l	
Zinc	= 27 ug/l	= 27 ug/l	•

Comments: San Diego Gas and Electric is operating several fuel tank farms consisting of above ground storage tanks, power plants, and warehouses in approximately 125 acres of land at this location in the City of Carlsbad. As a part of the property transaction agreement, a detailed environmental investigation related to this operation was performed by several consulting companies. Contaminated soil with diesel and heavy metals were discovered at shallow depths below the surface. Groundwater had a low concentration of dissolved diesel and trace amounts of some heavy metals. Soil remediation in eight areas with TPH concentrations higher than 1,000 mg/kg was performed by excavation (4,426 cubic yards) and off-site disposal. Verification sampling and analysis showed non-detect to low levels of diesel and volatile organic compounds remained in the subsurface.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? YES

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? YES

Does corrective action protect public health for current land use? YES

Case review based on current/proposed use as: FUELTANK FARM OPERATIONS

Are there other issues DEH needs to follow up on: NO

Site Management Requirements:

Any contaminated soil excavated as part of subsurface construction work must be managed in accordance with the legal requirements at that time.

Should corrective action be reviewed if land use changes? YES

List Enforcement Actions Taken: NONE

List Enforcement Actions Rescinded: NONE

is this account up to date and current? YES

Case Closure Summary Non-LOP or Voluntary Assistance Program

V. LOCAL AGENCY REPRESENTATIVE DATA	· · · · · · · · · · · · · · · · · · ·	H13941-003
Name: TONY SAWYER	Title: HYDROGEOLOGIST	
Signature: Say V. Sawy	Date: 3-16-05	· •
VI. RWQCB NOTIFICATION		
Date Submitted to RWQCB: VAP CASE	RWQCB Response:	
RWQCB Staff Name:	Title:	Date:
VII. ADDITIONAL COMMENTS, DATA, ETC.		

This document and the related CASE CLOSURE LETTER, shall be retained by the lead agency as part of the official site file.

Sionit, Nasser

From: Sionit, Nasser

Sent: Tuesday, October 01, 2013 7:59 AM

To: 'Henika, Sheila'; Torin Snyder (tsnyder@rinconconsultants.com)

Cc: Sisk, Tim; 'Pcrain@poseidon1.com'; 'Brett.Lyall@kiewit.com'; 'Kent.obrien@ghd.com'

Subject: RE: Remediation Closure Report

Expires: Thursday, October 31, 2013 12:00 AM

Hi Sheila:

Last night I had a chance to discuss the case information with our Hydrogeologist. The information provided to DEH indicated that the cleanup goals established for the area under environmental investigation have been met for the proposed future site use. No further action is required within the area investigated. A closure document for the whole site will be issued pending completion of site assessment and remediation across the rest of the subject site. Please call me at 858-505-6795, should you have any questions or concerns.

Thank you,

Nasser Signit, Ph.D.
VAP Program Coordinator
SAM Project Manager
Environmental Health Specialist III
Department of Environmental Health
County of San Diego

From: Henika, Sheila [mailto:Sheila.Henika@nrgenergy.com]

Sent: Monday, September 30, 2013 9:58 AM

To: Sionit, Nasser **Cc:** Sisk, Tim

Subject: RE: GeoTracker

Understood. Please be aware that this request is only for partial closure of the large plot of land. The VAP was amended to include the waterfront areas that Poseidon is digging up. Thanks.

Sheila Henika, P.E., MBA-TM Encina Power Station

From: Sionit, Nasser [mailto:Nasser.Sionit@sdcounty.ca.gov]

Sent: Wednesday, September 25, 2013 11:55 AM

To: Henika, Sheila; Sisk, Tim; Carter, Jerry

Subject: RE: GeoTracker

The site visit is pending on the approval of case closure. We can schedule that later.

Nasser

From: Henika, Sheila [mailto:Sheila.Henika@nrgenergy.com]

Sent: Wednesday, September 25, 2013 11:35 AM

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Region 4 245 West Broadway, Suite 350 Long Beach, CA 90802-4444



February 22, 1993

Mr. Lee R. McDonald Environmental Services Administrator San Diego Gas & Electric P.O. Box 1831 San Diego, California 92112 SFH310.2

Dear Mr. McDonald:

ACCEPTANCE OF SURFACE IMPOUNDMENTS CLOSURE CERTIFICATION: SAN DIEGO GAS & ELECTRIC, ENCINA PLANT, 4600 CARLSBAD BLVD, CARLSBAD, CALIFORNIA 92008 (EPA ID NO. CAT000618900)

The California Department of Toxic Substances Control (Department) has received the closure certification report dated June 1992 and certification statement by an independent registered engineer dated January 14, 1993 for the subject facility. We are also in receipt of a copy of Order No. 92-77 dated December 14, 1992 which was adopted by the Regional Water Quality Control (RWQCB), San Diego Region. The Order finds that San Diego Gas & Electric (SDG&E) has fulfilled its obligation under Cease and Desist Order No. 88-81 for the cleanup and closure of surface impoundments at the Encina Power Plant. We are also in receipt of a copy of order No. 92-81 dated December 14, 1992 which was adopted by the RWQCB. This order rescinds order No. 88-80, "Waste Discharge Requirement for San Diego Gas and Electric Company, Encina Power Plant, Class I Surface Impoundments, San Diego County."

Based on our previous correspondence with SDG&E, we understand that the surface impoundments were never used for managing RCRA regulated wastes. Thus, we agreed that the RWQCB will serve as the lead agency on this project. The Department's previous letters to SDG&E indicated that we will not conduct an independent review of the closure plan submitted and that we will make a determination on final closure based on the RWQCB's approval. The closure certification report certifies that all closure activities have been completed in accordance with the closure plan approved by the RWQCB. Therefore, the Department hereby accepts the closure certification and considers the surface impoundments at the subject facility closed.

This acceptance does not preclude the Department from requiring corrective action, should it later determine that a release of hazardous waste or constituents into the environment as occurred from the facility. The acceptance is also not a certification that your facility does not pose an environmental or public health threat, nor does it release the owner/operator from its responsibilities and liabilities under the law.



Mr. Lee R. McDonald February 22, 1993 Page 2

SDG&E is no longer required to maintain financial assurance and liability coverage as required by California Code of Regulations, Title 22, Sections 66265.143 and 66265.147 for the closed portion of the subject facility.

If you have any question, please contact Mr. Sid Safieslamy at (310) 590-4888.

Sincerely,

Mohinder S. Sandhu, P.E., Chief Facility Permitting Branch

cc: Ms. Paula Rasmussen, Chief
Surveillance and Enforcement Branch
Department of Toxic Substances Control
Region 4
245 West Broadway, Suite 350
Long Beach, California 90802-4444

Mr. John P. Anderson Regional Water Quality Control Board San Diego Region 9771 Clairmont Mesa Boulevard, Suite B San Diego, California 92124-1331

Mr. Gary Stephany, Chief Environmental Health Services County of San Diego P.O. Box 85261 San Diego, California 92186-5261

Mayor Bud Lewis City of Carlsbad 1200 Carlsbad Village Drive Carlsbad, California 92008

Ms. Joetta Nelson Fees Unit Department of Toxic Substances Control P.O. Box 806 Sacramento, California 95812-0806

APPENDIX I EDR RADIUS MAP REPORT WITH GEOCHECK

Encina Power Station 4600 Carlsbad Boulevard Carlsbad, CA 92008

Inquiry Number: 4057702.2s

September 09, 2014

The EDR Radius Map™ Report with GeoCheck®

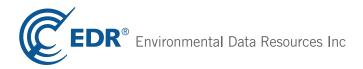


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Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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TARGET PROPERTY INFORMATION

ADDRESS

4600 CARLSBAD BOULEVARD CARLSBAD, CA 92008

COORDINATES

Latitude (North): 33.1380000 - 33° 8' 16.80" Longitude (West): 117.3381000 - 117° 20' 17.16"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 468464.6 UTM Y (Meters): 3666445.0

Elevation: 26 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33117-B3 SAN LUIS REY, CA

Most Recent Revision: 1997

South Map: 33117-A3 ENCINITAS, CA

Most Recent Revision: 1975

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120519 Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
4600 CARLSBAD BLVD, ENCINO PO 4600 CARLSBAD BLVD, ENCINO PO CARLSBAD, CA 92008		N/A
DRIVEWAY ON ENCINA POWER ST. DRIVEWAY ON ENCINA POWER ST. CARLSBAD, CA		N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA	ERNS	N/A

4600 NORTH CARLSBAD BLVD 4600 NORTH CARLSBAD BLVD CARLSBAD, CA	CHMIRS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
SDG & E CO/ENCINA PLANT 4600 CARLSBAD BL CARLSBAD, CA 92008	EMI	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
CABRILLO POWER I LLC ENCINA PO WE 4600 CARLSBAD BOULEVARD CARLSBAD, CA 92008	FINDS	N/A
ENCINA POWER STATION 4600 CARLSBAD BLVD. CARLSBAD, CA 92008	TSCA	N/A
ENCINA WASTE WATER AUTHORITY 4600 CARLSBAD BLVD CARLSBAD, CA 92008	HAZNET	N/A
ENCINA POWER PLANT-TPCA 4600 CARLSBAD BOULEVARD CARLSBAD ,CA, CA 92008	WMUDS/SWAT	N/A
NRG CABRILLO POWER OPS. INC. 4600 CARLSBAD BLVD CARLSBAD, CA 92008	FINDS	N/A
4600 NORTH CARLSBAD BLVD 4600 NORTH CARLSBAD BLVD CARLSBAD, CA	ERNS	N/A
CABRILLO POWER I LLC 4600 CARLSBAD BLVD CARLSBAD, CA 92008	HAZNET	N/A

SAN DIEGO GAS & ELEC ENCINA PWR P 4600 CARLSBAD BLVD CARLSBAD, CA 92008	FTTS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA	ERNS	N/A
ENCINO POWER STATION, 4600 CARLSB ENCINO POWER STATION, 4600 CARLSBAD E CARLSBAD, CA 92008		N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 NORTH CARLSBAD BLVD 4600 NORTH CARLSBAD BLVD CARLSBAD, CA	ERNS	N/A
2000 YDS OFF THE BEACH 4600 CARLS 2000 YDS OFF THE BEACH 4600 CARLSBAD E CARLSBAD, CA 92008	ERNS BLVD	N/A
4600 CARLSBAD BLVD ENCINA POWER P 4600 CARLSBAD BLVD ENCINA POWER PLAN CARLSBAD, CA 92008	ERNS IT, WEST TANK FARM VALVE	N/A
#6 FUEL TANK, SECONDARY CONTAINME #6 FUEL TANK, SECONDARY CONTAINMENT, CARLSBAD, CA 92008	CHMIRS 4600 CARLSBAD BLVD.	N/A

INTAKE LAGOON, ENCINA POWER PLANT INTAKE LAGOON, ENCINA POWER PLANT, 46 CARLSBAD, CA 92008		N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA	ERNS	N/A
ENCINA POWER PLAN, SDG&E 4600 CARLSBAD BL CARLSBAD, CA	RGA LUST	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
FOSS ENVIRONMENTAL 4600 CARLSBAD BLVD CARLSBAD, CA 92008	HAZNET	N/A
SAN DIEGO GAS & ELECTRIC 4600 CARLSBAD BLVD CARLSBAD, CA 92008	HAZNET	N/A
SAN DIEGO GAS & ELECTRIC 4600 CARLSBAD BLVD CARLSBAD, CA 92008	HAZNET	N/A
SDG&E ENVIRONMENTAL #3 4600 CARLSBAD BLVD CARLSBAD, CA 92008	HIST UST SWEEPS UST CHMIRS	N/A

4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
CABRILLO POWER I LLC 4600 CARLSBAD BLVD CARLSBAD, CA 92008	RCRA-LQG FINDS US AIRS	CAT000618900
CABRILLO POWER I LLC 4600 CARLSBAD BLVD CARLSBAD, CA 92008	San Diego Co. HMMD	N/A
ENCINA PP 4600 CARLSBAD BLVD CARLSBAD, CA 92008	WDS	N/A
SDG&E, ENCINA POWER PLANT 4600 CARLSBAD BLVD. CARLSBAD, CA 92008	Toxic Pits Closure Date: 05/31/92 CHMIRS	N/A
ENCINA POWER PLANT, 4600 CARLSBAD ENCINA POWER PLANT, 4600 CARLSBAD BL' CARLSBAD, CA 92008		N/A
AGUA HEDIONDA LAGOON 4600 CARLSBAD BLVD CARLSBAD, CA 92008	WDS	N/A
SAN DIEGO GAS & ELEC ENCINA PWR P 4600 CARLSBAD BLVD CARLSBAD, CA 92008	HIST FTTS	N/A
ENCINA POWER STATION 4600 CARLSBAD BLVD. CARLSBAD, CA 92008	TSCA	N/A
CABRILLO POWER I LLC 4600 CARLSBAD BL CARLSBAD, CA 92008	NPDES SLIC Facility Status: Completed - Case Closed Facility Status: Open - Site Assessment AST ENF San Diego Co. HMMD EMI SAN DIEGO CO. SAM	N/A
SDG&E ENCINA POWER PLANT 4600 CARLSBAD BL CARLSBAD, CA	RGA LUST	N/A

SEMPRA/ ENCINA POWER PLANT 4600 CARLSBAD BL CARLSBAD, CA	RGA LUST	N/A
CABRILLO POWER 4600 CARLSBAD BL CARLSBAD, CA	RGA LUST	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD 4600 CARLSBAD CARLSBAD, CA 0	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA	ERNS	N/A
4600 CARLSBAD BLVD 4600 CARLSBAD BLVD CARLSBAD, CA 92008	ERNS	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Federal Delisted NPL site list

Delisted NPL National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

CERC-NFRAP. CERCLIS No Further Remedial Action Planned

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF. RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

Federal institutional controls / engineering controls registries

Proposed NPL..... Proposed National Priority List Sites

NPL LIENS..... Federal Superfund Liens

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

State- and tribal - equivalent NPL

RESPONSE...... State Response Sites

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

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

State and tribal leaking storage tank lists

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

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

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations

HAULERS...... Registered Waste Tire Haulers Listing

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

LDS....... Land Disposal Sites Listing
MCS...... Military Cleanup Sites Listing
SPILLS 90...... SPILLS 90 data from FirstSearch

Other Ascertainable Records

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

CONSENT..... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

RAATS...... RCRA Administrative Action Tracking System

RMP...... Risk Management Plans CA BOND EXP. PLAN..... Bond Expenditure Plan

UIC Listing

Cortese "Cortese" Hazardous Waste & Substances Sites List

CUPA Listings_____ CUPA Resources List DRYCLEANERS_____ Cleaner Facilities

WIP..... Well Investigation Program Case List

INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

Financial Assurance Information Listing

PROC...... Certified Processors Database

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION........... 2020 Corrective Action Program List

LEAD SMELTERS..... Lead Smelter Sites

PRP..... Potentially Responsible Parties

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER______PCB Transformer Registration Database
MWMP______Medical Waste Management Program Listing

COAL ASH DOE______Steam-Electric Plant Operation Data
HWT______Registered Hazardous Waste Transporter Database

US FIN ASSUR..... Financial Assurance Information

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF...... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/11/2014 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
BURROUGHS CORP (UNISYS)	5600 AVENIDA ENCINAS	SE 1/2 - 1 (0.653 mi.)	<i>7</i> 9	181

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 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
ENCINA METER SET	4620 CARLSBAD BLVD	SSW 0 - 1/8 (0.003 mi.)	A61	137
NORTHCOAST DIST OPER	5016 CARLSBAD BLVD	SSE 1/8 - 1/4 (0.152 mi.)	D68	142

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 06/05/2014 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOXES LANDING LIFT STATION Status: Refer: 1248 Local Agency	4155 HARRISON STREET (E	NNE 1/4 - 1/2 (0.359 mi.)	E73	150
SEA BREEZE VILLAS Status: Refer: 1248 Local Agency	391 TAMARACK AVENUE	NNW 1/2 - 1 (0.501 mi.)	77	178
CARLSBAD VHF STATION SKI Status: Inactive - Needs Evaluation		ESE 1/2 - 1 (0.582 mi.)	78	180
BURROUGHS CORP (UNISYS) Status: Refer: RCRA	5600 AVENIDA ENCINAS	SE 1/2 - 1 (0.653 mi.)	79	181

Status: Refer: RURA Status: Refer: RWQCB

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 LUST list, as provided by EDR, and dated 07/30/2014 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
WESELOH CHEVROLET COMPANY Status: Completed - Case Closed	5335 PASEO DEL NORTE	DEL NORTE SE 1/4 - 1/2 (0.406 mi.) F75			
WESELOH CHEVROLET	5335 PASEO DEL NORTE	SE 1/4 - 1/2 (0.406 mi.)	F76	156	

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

A review of the SLIC list, as provided by EDR, and dated 07/30/2014 has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CANNON COURT PROJECT Facility Status: Completed - Case Closed	NONE CANNON RD & I5 (NW	ESE 1/8 - 1/4 (0.128 mi.)	B62	138
TOYOTA CARLSBAD USED CARS Facility Status: Completed - Case Closed	5124 PASEO DEL NORTE	ESE 1/4 - 1/2 (0.324 mi.)	72	145
FOX'S SEWER LIFT STATION Facility Status: Completed - Case Close	4155 HARRISON ST	NNE 1/4 - 1/2 (0.359 mi.)	E74	151

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 4 SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

Page
144
145
151
156

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 07/30/2014 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
SDG&E - C/O SEMPRA ENERGY	5016 CARLSBAD BLVD	SSE 1/8 - 1/4 (0.152 mi.)	D67	142

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

San Diego Co. HMMD: The Hazardous Materials Management Division Database comes from the Hazardous Materials Management Division.

A review of the San Diego Co. HMMD list, as provided by EDR, and dated 09/23/2013 has revealed that there is 1 San Diego Co. HMMD site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AGUA HEDIONDA PUMP STATION	ENCINA POWER PLANT	0 - 1/8 (0.000 mi.)	60	136

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRANT GENERAL CONTRACTORS, INC	5051 AVENIDA ENCINAS	SE 1/8 - 1/4 (0.142 mi.)	C63	139
SDGE NORTH COAST OPERATING DIS	5016 CARLSBAD BLVD	SSE 1/8 - 1/4 (0.152 mi.)	D65	140

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 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
GRANT GENERAL CONTRACTORS SDGE NORTH COAST OPERATING DIS	5051 AVENUE ENCINAS 5016 CARLSBAD BLVD	SE 1/8 - 1/4 (0.142 mi.) SSE 1/8 - 1/4 (0.152 mi.)	C64 D65	139 140	
Lower Elevation	Address	Direction / Distance Map ID		Page	
AGUA HEDIONDA PUMP STATION	ENCINA POWER PLANT	0 - 1/8 (0.000 mi.)	60	136	

Other Ascertainable Records

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 is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESELOH CHEVROLET	5335 PASEO DEL NORTE	SE 1/4 - 1/2 (0.406 mi.)	F76	156

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESELOH CHEVROLET	5335 PASEO DEL NORTE	SE 1/4 - 1/2 (0.406 mi.)	F76	156

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

A review of the HWP list, as provided by EDR, and dated 05/27/2014 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
BURROUGHS CORP (UNISYS)	5600 AVENIDA ENCINAS	SE 1/2 - 1 (0.653 mi.)	79	181	

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	5016 CARLSBAD BLVD	SSE 1/8 - 1/4 (0.152 mi.)	D66	141
Not reported	5030 AVENIDA ENCINAS	SE 1/8 - 1/4 (0.177 mi.)	C70	144
Not reported	5135 AVENIDA ENCINAS	SE 1/8 - 1/4 (0.223 mi.)	71	145

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name Database(s)

RAINBOW MUNICIPAL WATER DISTRICT GASCO SERVICE STATION

FIRE DEPARTMENT STATION # FLEET MAINTENANCE DIVISIO SHELL SERVICE STATION #

CARLSBAD DOUBLE TRACK PROJECT HILTON CARLSBAD OCEANFRONT ENCINA SEWAGE TREATMENT PLANT

CARLSBAD

APACHE SERV LDFL NELSON & SLOAN

FLOWER FIELDS COMPOST SITE AMERICAN DESIGN PAINTING INC CALTRANS D-11 / EA11-2M1304 BUENA WASTE WATER PUMP STATION SOUTH CARLSBAD STATE BEACH

R.F. WHITE FUEL TRUCK SPILL FALLBROOK SD WATER REUSE

CANNON COURT

COCA COLA BOTTLING TRUCK SPIL

RMP

HIST CORTESE HIST CORTESE HIST CORTESE HIST CORTESE

NPDES NPDES Notify 65 CERC-NFRAP CERC-NFRAP

CERC-NFRAP, US MINES, ENVIROSTOR

SWF/LF HAZNET HAZNET FINDS

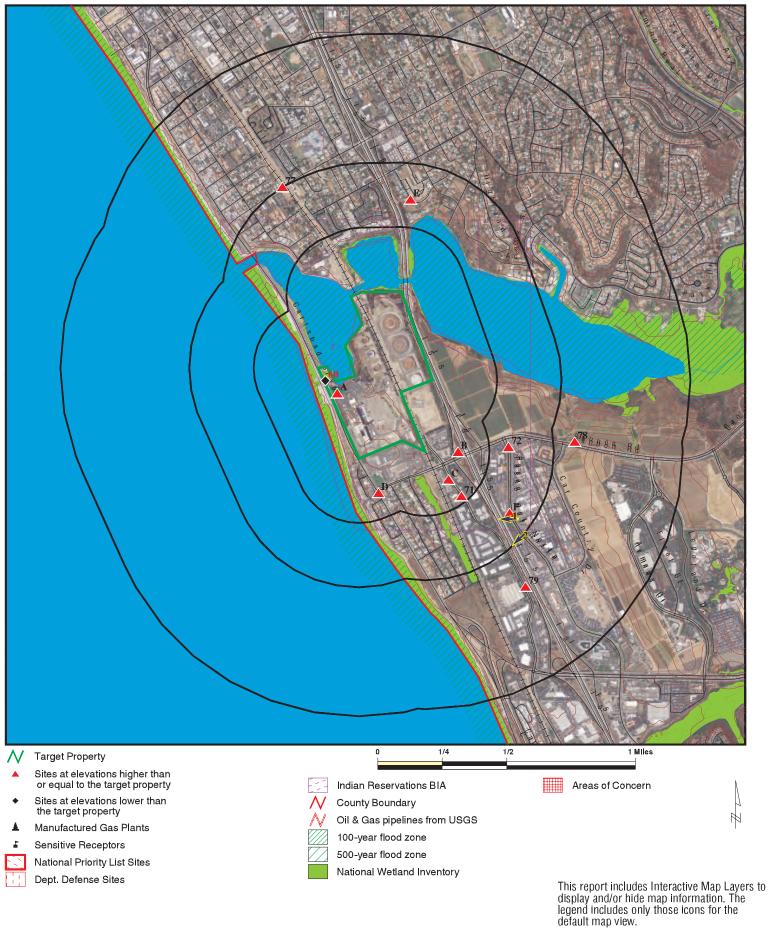
San Diego Co. HMMD San Diego Co. HMMD

WDS

ENVIROSTOR

SAN DIEGO CO. SAM

overview MAP - 4057702.2s



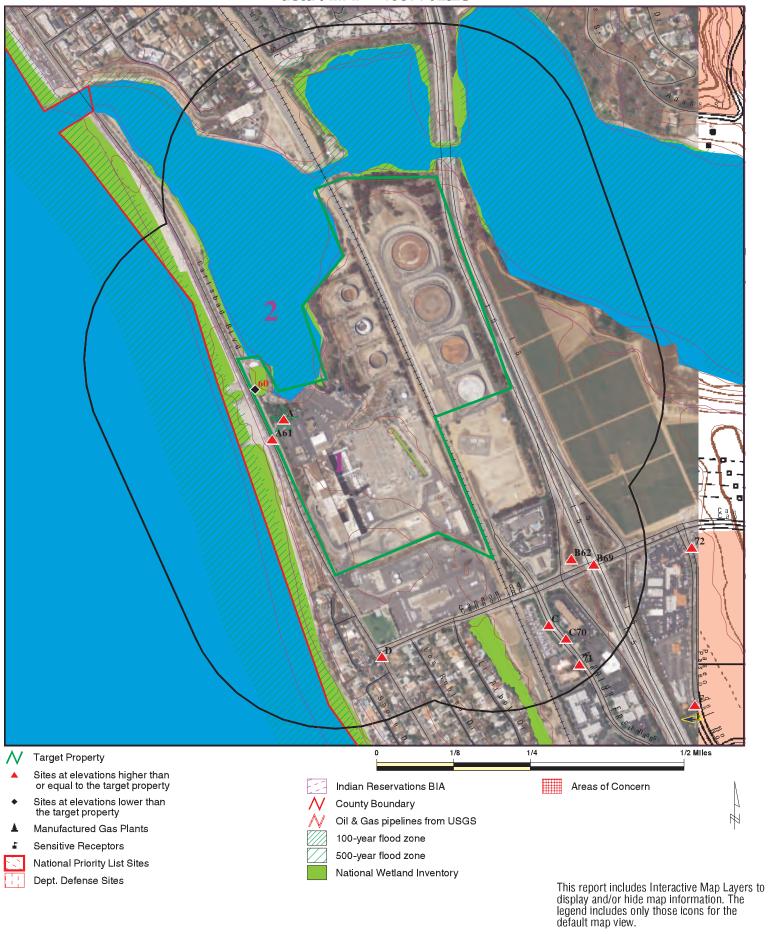
SITE NAME: Encina Power Station

ADDRESS: 4600 Carlsbad Boulevard
Carlsbad CA 92008

LAT/LONG: 33.138 / 117.3381

CLIENT: The Source Group
CONTACT: Rachel Fischer/Scott Seipel
INQUIRY #: 4057702.2s
DATE: September 09, 2014 7:24 am

detail MAP - 4057702.2s



SITE NAME: Encina Power Station

ADDRESS: 4600 Carlsbad Boulevard
Carlsbad CA 92008

LAT/LONG: 33.138 / 117.3381

CLIENT: The Source Group
CONTACT: Rachel Fischer/Scott Seipel
INQUIRY #: 4057702.2s
DATE: September 09, 2014 7:24 am

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 0.001		0 0 0	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRAI	P site List							
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	1	NR	1
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250	1	0 1 0	0 1 0	NR NR NR	NR NR NR	NR NR NR	1 2 0
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL LUCIS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001	29	0	NR	NR	NR	NR	29
State- and tribal - equiva	lent NPL							
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equiva	lent CERCLIS	3						
ENVIROSTOR	1.000		0	0	1	3	NR	4
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking s	storage tank l	ists						
LUST	0.500		0	0	2	NR	NR	2

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC SAN DIEGO CO. SAM INDIAN LUST	0.500 0.500 0.500	1	0 0 0	1 1 0	2 3 0	NR NR NR	NR NR NR	4 5 0
State and tribal registere	ed storage tar	nk lists						
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250	1	0 0 0 0	1 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	1 1 0 0
State and tribal voluntar	y cleanup site	es						
VCP INDIAN VCP	0.500 0.500		0	0 0	0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONMEN	ITAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
DEBRIS REGION 9 ODI SWRCY HAULERS INDIAN ODI WMUDS/SWAT	0.500 0.500 0.500 0.001 0.500 0.500	1	0 0 0 0 0	0 0 0 NR 0 0	0 0 0 NR 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0 1
Local Lists of Hazardous Contaminated Sites	s waste /							
US CDL HIST Cal-Sites SCH Toxic Pits CDL San Diego Co. HMMD US HIST CDL	0.001 1.000 0.250 1.000 0.001 0.001	1 2	0 0 0 0 0 1	NR 0 0 0 NR NR NR	NR 0 NR 0 NR NR NR	NR 0 NR 0 NR NR	NR NR NR NR NR NR	0 0 0 1 0 3 0
Local Lists of Registered	d Storage Tar	ıks						
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250	1 1	0 0 1	0 2 2	NR NR NR	NR NR NR	NR NR NR	0 3 4
Local Land Records								
LIENS 2 LIENS DEED	0.001 0.001 0.500		0 0 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency F	Release Repo	rts						
HMIRS	0.001		0	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS LDS MCS SPILLS 90	0.001 0.001 0.001 0.001	8	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	8 0 0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR DOT OPS DOD FUDS CONSENT ROD UMTRA US MINES TRIS TSCA FTTS HIST FTTS SSTS ICIS PADS MLTS RADINFO FINDS RAATS RMP CA BOND EXP. PLAN NPDES UIC Cortese HIST CORTESE CUPA Listings Notify 65 DRYCLEANERS WIP ENF HAZNET EMI INDIAN RESERV SCRD DRYCLEANERS Financial Assurance PROC EPA WATCH LIST 2020 COR ACTION	0.250 0.001 1.000 1.000 1.000 1.000 0.500 0.250 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 1.000 0.001 1.000 0.001 0.001 0.001 1.000 0.001 0.001 1.000 0.001 0.500 0.001 0.500 0.001 0.500 0.001 0.500 0.001 0.500 0.001 0.500 0.001 0.500	2 1 1 1 5 2	000000000000000000000000000000000000000	OROOOOORRRRRRRRRRRRRORROOOOORRRORORO	NR O O O O O R R R R R R R R R R R R R R	NN 0 0 0 0 NN	N N N N N N N N N N N N N N N N N N N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
LEAD SMELTERS US AIRS WDS PRP COAL ASH EPA PCB TRANSFORMER MWMP	0.001 0.001 0.001 0.001 0.500 0.001 0.250	1 2	0 0 0 0 0	NR NR NR NR O NR	NR NR NR NR O NR	NR NR NR NR NR NR NR	NR NR NR NR NR NR NR	0 1 2 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	1	NR	1
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL EDR Exclusive Records	L RECORDS							
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	3	NR	NR	NR	3
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERN	MENT ARCHIV	<u>/ES</u>						
Exclusive Recovered Gov	t. Archives							
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001	4	0	NR	NR	NR	NR	4

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

A1 CHMIRS S110420069
Target 4600 CARLSBAD BLVD, ENCINO POWER PLANT N/A

Property CARLSBAD, CA 92008

Site 1 of 60 in cluster A

Actual: 26 ft.

CHMIRS:
OES Incident Number: '08-8077
OES notification: 11/10/20

11/10/2008 OES Date: Not reported OES Time: Not reported Incident Date: Not reported Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported **Property Management:** Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:

Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Not reported Vehicle State: Not reported Vehicle Id Number: CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported

Waterway Involved: Yes

Waterway: Agua Hedionda Lagoon

Spill Site: Other

Cleanup By: Cabrillo Power I LLC and Fluor Contractor

Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Gal(s)
Other: Not reported
Date/Time: 0822
Year: 2008

Agency: Encino Power Plant

Incident Date: 11/10/2008

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

(Continued) S110420069

Contained: Yes

Agua Hedionda Lagoon Site Type:

E Date: Not reported

Substance: Vegetable Oil/Hydraulic Fluid (EAL)

Not reported

Quantity Released: 10-15 BBLS: Not reported Not reported Cups: Not reported CUFT: Gallons: Not reported Grams: Not reported Pounds: Not reported Not reported Liters: Not reported Ounces: Pints: Not reported Quarts: Not reported Sheen: Not reported Not reported Tons:

Evacuations: Number of Injuries: 0 Number of Fatalities: 0

Description: Caller states substance was released while changing the oil in the

hydraulic system for their dredge.

A2 ERNS 2013036698 N/A

Target DRIVEWAY ON ENCINA POWER STATION 4600 CARLSBAD BLVD.

Property CARLSBAD, CA

Site 2 of 60 in cluster A

Unknown:

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

А3 **ERNS** 2013048626 N/A

Target 4600 CARLSBAD BLVD CARLSBAD, CA **Property**

Site 3 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

Α4 **CHMIRS** S110420070

4600 NORTH CARLSBAD BLVD Target

CHMIRS:

Property CARLSBAD, CA

Site 4 of 60 in cluster A

Actual: **OES Incident Number:** '08-6785 26 ft.

OES notification: 09/17/2008 OES Date: Not reported OES Time: Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported

N/A

MAP FINDINGS Map ID Direction

Distance Elevation

Site Database(s) **EPA ID Number**

(Continued) S110420070

Agency Id Number: Not reported Not reported Agency Incident Number: Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Not reported **Estimated Temperature:** Not reported Property Management: Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Not reported Special Studies 5: Special Studies 6: Not reported

More Than Two Substances Involved?: Not reported Resp Agncy Personel # Of Decontaminated: Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported Waterway Involved: No

Waterway: Not reported

Spill Site: Other Cleanup By:

Responsible Party Not reported Containment: Not reported What Happened: Type: Not reported Measure: Gal(s) Other: Not reported 0000 Date/Time: 2008 Year: NRC Agency: Incident Date: 9/17/2008

San Diego County Health Services Dept. Admin Agency:

Not reported Amount:

Contained: No

Site Type: Not reported E Date: Not reported

Substance: Oil, Fuel: Number 6

Quantity Released: 50

BBLS: Not reported Cups: Not reported CUFT: Not reported Gallons: Not reported Grams: Not reported Pounds: Not reported Liters: Not reported

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

(Continued) S110420070

Ounces: Not reported Pints: Not reported Quarts: Not reported Sheen: Not reported Tons: Not reported Unknown: Not reported

Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

Description: Per the NRC report, Caller is reporting a discharge of No. 6 fuel oil

from a 6 inch pipeline within the power facility due to a weld failure. This occurred approximately 30 feet away from a small waterway but they are in progress of building a dike. No waterway impact at this time. Remedial Actions: Isolating valves, building

dike, catching materials in a bin.

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 5 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

A6 SDG & E CO/ENCINA PLANT EMI \$106839046 Target 4600 CARLSBAD BL N/A

Target 4600 CARLSBAD BL Property CARLSBAD, CA 92008

Site 6 of 60 in cluster A

Actual: EMI: 26 ft. Year: 1990

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4931

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: 44
Reactive Organic Gases Tons/Yr: 26
Carbon Monoxide Emissions Tons/Yr: 384
NOX - Oxides of Nitrogen Tons/Yr: 1653
SOX - Oxides of Sulphur Tons/Yr: 989
Particulate Matter Tons/Yr: 122
Part. Matter 10 Micrometers & Smllr Tons/Yr: 119

 Year:
 1995

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4931

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDG & E CO/ENCINA PLANT (Continued) S106839046

Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 23 Reactive Organic Gases Tons/Yr: 19 Carbon Monoxide Emissions Tons/Yr: 410 NOX - Oxides of Nitrogen Tons/Yr: 1247 SOX - Oxides of Sulphur Tons/Yr: 559 Particulate Matter Tons/Yr: 90 Part. Matter 10 Micrometers & Smllr Tons/Yr: 72

Year: 1996 County Code: 37 Air Basin: SD Facility ID: 73 Air District Name: SD SIC Code: 4931

SAN DIEGO COUNTY APCD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 25 Reactive Organic Gases Tons/Yr: 21 Carbon Monoxide Emissions Tons/Yr: 475 NOX - Oxides of Nitrogen Tons/Yr: 1372 SOX - Oxides of Sulphur Tons/Yr: 290 Particulate Matter Tons/Yr: 97 Part. Matter 10 Micrometers & Smllr Tons/Yr: 78

ERNS 2011995705 Α7 N/A

Target 4600 CARLSBAD BLVD CARLSBAD, CA 92008 **Property**

Site 7 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A8 ERNS 2012014452

4600 CARLSBAD BLVD Target CARLSBAD, CA 92008 **Property**

Site 8 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

CABRILLO POWER I LLC ENCINA PO WER PLANT Α9 **FINDS** 1016053023 N/A

4600 CARLSBAD BOULEVARD Target

CARLSBAD, CA 92008 **Property**

Site 9 of 60 in cluster A

FINDS: Actual:

26 ft.

Registry ID: 110000730433

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the

N/A

Map ID Direction Distance Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

CABRILLO POWER I LLC ENCINA PO WER PLANT (Continued)

1016053023

Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

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

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

FRP

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.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of Map ID MAP FINDINGS

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC ENCINA PO WER PLANT (Continued)

1016053023

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

HAZARDOUS WASTE BIENNIAL REPORTER

ELECTRIC GENERATOR

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

GREENHOUSE GAS REPORTER

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

A10 **ENCINA POWER STATION Target** 4600 CARLSBAD BLVD. CARLSBAD, CA 92008 **Property**

TSCA 1014198770

N/A

Site 10 of 60 in cluster A

Actual: 26 ft.

Click this hyperlink while viewing on your computer to access

additional TSCA detail in the EDR Site Report.

A11 **ENCINA WASTE WATER AUTHORITY Target**

4600 CARLSBAD BLVD Property CARLSBAD, CA 92008 HAZNET S112986155

N/A

Site 11 of 60 in cluster A

Actual: 26 ft.

HAZNET:

Year: 2011

CAC002666577 Gepaid: Contact: **KEVIN SMITH** Telephone: 7602777661 Mailing Name: Not reported

Mailing Address: 6200 AVENIDA ENCINAS Mailing City, St, Zip: CARLSBAD, CA 920111009

Gen County: Not reported TSD EPA ID: CAD981696420 TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

ENCINA WASTE WATER AUTHORITY (Continued)

S112986155

EDR ID Number

Tons: 0.063 Facility County: San Diego

A12 ENCINA POWER PLANT-TPCA Target 4600 CARLSBAD BOULEVARD Property CARLSBAD ,CA, CA 92008 WMUDS/SWAT S104156526 N/A

Site 12 of 60 in cluster A

Actual: WMUDS/SWAT: 26 ft. Edit Date:

Edit Date: Not reported

Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I.

discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility

(particularly those with toxicwastes) with numerous discharge points,

leak detection systems or ground water monitoring wells.

Primary Waste: NONCON

Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants

or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils,

rubble and concrete are examples of this category.

Secondary Waste: Process Waste (Waste produced as part of the industrial/manufacturing

process)

Secondary Waste Type: N

Base Meridian: Not reported NPID: Not reported

Tonnage: 0

Regional Board ID: Not reported
Municipal Solid Waste: False
Superorder: False
Open To Public: False
Waste List: False
Agency Type: Private

Agency Name: SAN DIEGO GAS & ELECTRIC CO.

Agency Department: Not reported
Agency Address: P.O. BOX 1831

Agency City,St,Zip: SAN DIEGO ,CA 92112

Agency Contact: MS. TINA SOLSTAD

Agency Telephone: 6196962555
Land Owner Name: Not reported
Land Owner Address: Not reported
Land Owner City,St,Zip: Not reported
Land Owner Contact: Not reported
Land Owner Phone: Not reported

Region: 9

Facility Type: Industrial - Facility that treats and/or disposes of liquid or

semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water

pumping.

Facility Description:
Recility Telephone:
SWAT Facility Name:
Primary SIC:
Not reported
6199317225
Not reported
4941

Secondary SIC: Not reported Comments: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

ENCINA POWER PLANT-TPCA (Continued)

S104156526

EDR ID Number

Last Facility Editors: Not reported

Waste Discharge System: True

Solid Waste Assessment Test Program: False Toxic Pits Cleanup Act Program: False Resource Conservation Recovery Act: True Department of Defence: False Solid Waste Assessment Test Program: Not reported

Threat to Water Quality:

Minor Threat to Water Quality. A violation of a regional board order

should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to

represent no threat to water quality.

Sub Chapter 15: True Regional Board Project Officer: JPA Number of WMUDS at Facility:

Section Range: Not reported

RCRA Facility: No Waste Discharge Requirements:

Quarterly Submittal Self-Monitoring Rept. Frequency: Waste Discharge System ID: 9 000000427 Solid Waste Information ID: Not reported

A13 NRG CABRILLO POWER OPS. INC.

Target 4600 CARLSBAD BLVD **Property** CARLSBAD, CA 92008

FINDS 1012080126 N/A

Site 13 of 60 in cluster A

Actual:

FINDS:

26 ft.

Registry ID: 110038390461

Environmental Interest/Information System

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

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

A14 ERNS 2006789122

Target 4600 NORTH CARLSBAD BLVD
Property CARLSBAD, CA

Site 14 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

A15 CABRILLO POWER I LLC HAZNET S113179364
Target 4600 CARLSBAD BLVD N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 15 of 60 in cluster A

Actual: HAZNET:

26 ft. Year: 2012 Gepaid: CATO

Gepaid: CAT000618900
Contact: JERRY L. CARTER
Telephone: 7602684011
Mailing Name: Not reported

Mailing Address: 4600 CARLSBAD BLVD
Mailing City,St,Zip: CARLSBAD, CA 920084301

Gen County: San Diego
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Not reported
Tons: Not reported
Facility County: San Diego

Year: 2012

Gepaid: CAT000618900
Contact: JERRY L. CARTER
Telephone: 7602684011
Mailing Name: Not reported

Mailing Address: 4600 CARLSBAD BLVD Mailing City,St,Zip: CARLSBAD, CA 920084301

Gen County: San Diego
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Not reported

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 9.3315 Facility County: 9.3015 San Diego

Year: 2012

Gepaid: CAT000618900
Contact: JERRY L. CARTER
Telephone: 7602684011
Mailing Name: Not reported

Mailing Address: 4600 CARLSBAD BLVD
Mailing City,St,Zip: CARLSBAD, CA 920084301

Gen County: San Diego TSD EPA ID: AZR000031823

TSD County: 99

Waste Category: Not reported

Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,

Organics Recovery Ect

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S113179364

Tons: 24.966 Facility County: San Diego

Year: 2012

Gepaid: CAT000618900 Contact: JERRY L. CARTER Telephone: 7602684011 Mailing Name: Not reported

Mailing Address: 4600 CARLSBAD BLVD Mailing City, St, Zip: CARLSBAD, CA 920084301

San Diego Gen County: TSD EPA ID: AZR000506980

TSD County: 99

Waste Category: Not reported Disposal Method: Not reported Tons: 6.7424 Facility County: San Diego

Year: 2012

CAT000618900 Gepaid: Contact: JERRY L. CARTER Telephone: 7602684011 Mailing Name: Not reported

Mailing Address: 4600 CARLSBAD BLVD Mailing City,St,Zip: CARLSBAD, CA 920084301

Gen County: San Diego TSD EPA ID: CAD008302903 TSD County: Los Angeles Waste Category: Not reported

Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,

Organics Recovery Ect

Tons: 0.1665 Facility County: San Diego

> Click this hyperlink while viewing on your computer to access 370 additional CA_HAZNET: record(s) in the EDR Site Report.

SAN DIEGO GAS & ELEC ENCINA PWR PLNT A16

Target Property **4600 CARLSBAD BLVD** CARLSBAD, CA 92008

Site 16 of 60 in cluster A

Actual: 26 ft.

FTTS INSP:

1987020503379 5 Inspection Number:

Region: 09 Inspection Date: 02/05/87 **SCHMIT** Inspector: Violation occurred: Yes

Investigation Type: Section 6 PCB Federal Conducted

Investigation Reason: Neutral Scheme, Region

Legislation Code: TSCA Facility Function: User

FTTS

1010009375

N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

A17 ERNS 2008890450
Target 4600 CARLSBAD BLVD N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA

Site 17 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

A18 CHMIRS S111755130
Target ENCINO POWER STATION, 4600 CARLSBAD BLVD N/A

Property CARLSBAD, CA 92008

Site 18 of 60 in cluster A

Actual: CHMIRS:

 26 ft.
 OES Incident Number:
 11-2936

 OES notification:
 05/12/2011

 OES Date:
 Not reported

Special Studies 4:

Special Studies 5:

Others Number Of Fatalities:

OES Time: Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Not reported Time Notified: Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported Not reported Property Management: Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported

Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Injuries: Not reported

Not reported

Not reported

Not reported

Vehicle Make/year: Not reported Not reported Vehicle License Number: Not reported Vehicle State: Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported

Waterway Involved:

Waterway:

Spill Site:

Cleanup By:

Containment:

What Happened:

Type:

Not reported

Utilities/Substation

Reporting Party

Not reported

Not reported

Not reported

Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

(Continued) S111755130

Measure: Gal(s) Not reported Other: Date/Time: 700

Year: 2011

Cabrillo Power I LLC Agency:

Incident Date: 5/12/2011

San Diego County Health Services Department Admin Agency:

Amount: Not reported Contained: Yes Site Type: Not reported E Date: Not reported

Transformer Oil Substance: Quantity Released: 400

BBLS: Not reported Cups: Not reported CUFT: Not reported Gallons: Not reported Not reported Grams: Pounds: Not reported Not reported Liters: Ounces: Not reported Pints: Not reported Quarts: Not reported Sheen: Not reported Not reported Tons: Unknown: Not reported Not reported Evacuations: Number of Injuries: Not reported

The caller is reporting an oil leak from an underground pipe. Description:

Not reported

2009908055 A19 **ERNS**

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 19 of 60 in cluster A

Number of Fatalities:

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

A20 ERNS 2008908055

4600 CARLSBAD BLVD Target

CARLSBAD, CA 92008 **Property**

Site 20 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report. N/A

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

A21 **ERNS** 2010962208 N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 21 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A22 **ERNS** 2007332305

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 22 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A23 **ERNS** 2009924340

4600 CARLSBAD BLVD Target N/A

Property CARLSBAD, CA 92008

Site 23 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

A24 ERNS 2008884228

4600 NORTH CARLSBAD BLVD Target N/A

CARLSBAD, CA **Property**

Site 24 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A25 **ERNS** 98465292

2000 YDS OFF THE BEACH 4600 CARLSBAD BLVD **Target**

CARLSBAD, CA 92008 **Property**

Site 25 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A26 **ERNS** 97411624

Target 4600 CARLSBAD BLVD ENCINA POWER PLANT, WEST TANK FARM VALVE

Property CARLSBAD, CA 92008

Site 26 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

N/A

N/A

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

A27 CHMIRS S106394594
Target #6 FUEL TANK, SECONDARY CONTAINMENT, 4600 CARLSBAD BLVD. N/A

Property CARLSBAD, CA 92008

Site 27 of 60 in cluster A

Actual:

CHMIRS:

26 ft. OES Incident Number: 01-3338 OES notification: 06/09/2001

OES Date: Not reported OES Time: Not reported Incident Date: Not reported Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported **Property Management:** Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:

Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Not reported Vehicle State: Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported Waterway Involved: No

Waterway: Not reported Spill Site: Not reported Cleanup By: Contractor Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported 2001 Year:

Incident Date: 6/9/200112:00:00 AM

Admin Agency: San Diego County Health Services Dept.

NRG Energy

Amount: Not reported

Agency:

Direction Distance

Elevation Site Database(s) EPA ID Number

(Continued) S106394594

Contained: Yes
Site Type: Other
E Date: Not reported
Substance: #6 Residual Fuel Oil
Quantity Released: Not reported

BBLS: Cups: 0 CUFT: 0 Gallons: 50 Grams: 0 0 Pounds: 0 Liters: Ounces: 0 Pints: 0 Quarts: 0 Sheen: 0 Tons: 0 0.000000 Unknown:

Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

Description: A leaking valve part released the product. Foss Environmental is on

site for cleanup at 1531 hrs.

A28 CHMIRS S106392106
Target INTAKE LAGOON, ENCINA POWER PLANT, 4600 CARLSBAD BLVD N/A

Property CARLSBAD, CA 92008

Site 28 of 60 in cluster A

Actual: CHMIRS:

26 ft. OES Incident Number: 97-1770
OES notification: 05/04/1997
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported

Date Completed: Not reported Property Use: Not reported Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported **Property Management:** Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported

Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Others Number Of Fatalities: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

(Continued) S106392106

Vehicle Make/year: Not reported Not reported Vehicle License Number: Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported

Waterway Involved: Yes
Waterway: Agua Hedionda Lagoon

Spill Site: Not reported Cleanup By: Reporting Party Not reported Containment: Not reported What Happened: Type: Not reported Measure: Not reported Other: Not reported Not reported Date/Time:

Year: 1997

Agency: San Diego Gas & Electric Incident Date: 5/4/199712:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes
Site Type: Utilities/Substation
E Date: Not reported
Substance: Lubricating Oil
Quantity Released: Not reported

BBLS: 0
Cups: 0
CUFT: 0
Gallons: 0.000000

Grams: 0 0 Pounds: Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 Sheen: 0 Tons: 0

Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

Unknown:

Description: Barge on lagoon, equipment engine leaked oil into lagoon; contained &

soaked up. Light sheen on water.

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

A29 **ERNS** 2011967869 N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 29 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A30 **ERNS** 2008889615 N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 30 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A31 **ERNS** 98437498

4600 CARLSBAD BLVD Target N/A

Property CARLSBAD, CA 92008

Site 31 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

A32 **ERNS** 98437504

Target 4600 CARLSBAD BLVD

Property CARLSBAD, CA

Site 32 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A33 **ENCINA POWER PLAN, SDG&E** RGA LUST S114614723

4600 CARLSBAD BL **Target** CARLSBAD, CA **Property**

Site 33 of 60 in cluster A

RGA LUST: Actual:

2003 ENCINA POWER PLAN, SDG&E 4600 CARLSBAD BL 26 ft.

A34 **ERNS** 2000523069

4600 CARLSBAD BLVD Target Property CARLSBAD, CA 92008

Site 34 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report. N/A

N/A

N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

A35 ERNS 2001566939

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 35 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A36 FOSS ENVIRONMENTAL HAZNET S112894593
Target 4600 CARLSBAD BLVD N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 36 of 60 in cluster A

Actual: HAZNET:

26 ft. Year: 2000

Gepaid: CAC001480864

Contact: MATTHEW PORTTEUS/HAZ WASTE SPE

Telephone: 6192343677
Mailing Name: Not reported
Mailing Address: 909 E HARBOR DR

Mailing City, St, Zip: SAN DIEGO, CA 921010000

Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported

Waste Category: Unspecified oil-containing waste

Disposal Method: Disposal, Land Fill

Tons: 2.25
Facility County: San Diego

A37 SAN DIEGO GAS & ELECTRIC HAZNET S112933895
Target 4600 CARLSBAD BLVD N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 37 of 60 in cluster A

Actual: HAZNET:

26 ft. Year: 2003

Gepaid: CAC002571853
Contact: MARY ZEPEDA
Telephone: 8585415915
Mailing Name: Not reported

Mailing Address: 5488 OVERLAND AVE Mailing City,St,Zip: SAN DIEGO, CA 92123

Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported

Waste Category: Polychlorinated biphenyls and material containing PCBs

Disposal Method: Recycler
Tons: 0.75
Facility County: San Diego

N/A

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

A38 SAN DIEGO GAS & ELECTRIC HAZNET S112953157
Target 4600 CARLSBAD BLVD N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 38 of 60 in cluster A

Actual: HAZNET:

26 ft. Year: 2006

Gepaid: CAC002603135

Contact: KEVIN DICKISON/ENVIRON SPECIALIST

Telephone: 8585415009 Mailing Name: Not reported

Mailing Address: 5488 OVERLAND AVE Mailing City, St, Zip: SAN DIEGO, CA 92123

Gen County: Not reported
TSD EPA ID: AZ0000337360
TSD County: Not reported

Waste Category: Polychlorinated biphenyls and material containing PCBs

Disposal Method: Disposal, Land Fill

Tons: 5.64 Facility County: San Diego

Year: 2006

Gepaid: CAC002603135

Contact: KEVIN DICKISON/ENVIRON SPECIALIST

Telephone: 8585415009 Mailing Name: Not reported

Mailing Address: 5488 OVERLAND AVE Mailing City, St, Zip: SAN DIEGO, CA 92123

Gen County: Not reported
TSD EPA ID: AZ0000337360
TSD County: Not reported

Waste Category: Liquids with polychloronated biphenyls >= 50 Mg./L

Disposal Method: Treatment, Incineration

Tons: 13.02 Facility County: San Diego

Year: 2006

Gepaid: CAC002603135

Contact: KEVIN DICKISON/ENVIRON SPECIALIST

Telephone: 8585415009 Mailing Name: Not reported

Mailing Address: 5488 OVERLAND AVE Mailing City,St,Zip: SAN DIEGO, CA 92123

Gen County: Not reported TSD EPA ID: AZ0000337360 TSD County: Not reported

Waste Category: Polychlorinated biphenyls and material containing PCBs

Disposal Method: Treatment, Incineration

Tons: 0.08 Facility County: San Diego

Year: 2006

Gepaid: CAC002603135

Contact: KEVIN DICKISON/ENVIRON SPECIALIST

Telephone: 8585415009 Mailing Name: Not reported

Mailing Address: 5488 OVERLAND AVE Mailing City,St,Zip: SAN DIEGO, CA 92123

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SAN DIEGO GAS & ELECTRIC (Continued)

S112953157

Gen County: Not reported AZ0000337360 TSD EPA ID: TSD County: Not reported

Waste Category: Polychlorinated biphenyls and material containing PCBs

Disposal Method: Recycler Tons: 3.76 Facility County: San Diego

A39 **SDG&E ENVIRONMENTAL #3**

Target 4600 CARLSBAD BLVD CARLSBAD, CA 92008 **Property**

U001570978 **HIST UST SWEEPS UST** N/A **CHMIRS**

Site 39 of 60 in cluster A

Actual: 26 ft.

HIST UST:

STATE Region: Facility ID: 00000063925 Facility Type: Other Other Type: UTILITY Total Tanks: 0004 Contact Name: Not reported

Telephone: 6196962000

SAN DIEGO GAS & ELECTRIC COMPA Owner Name:

101 ASH STREET Owner Address: Owner City,St,Zip: SAN DIEGO, CA 92101

Tank Num: 001 Container Num: 2101 Year Installed: 1977 Tank Capacity: 00301700 Tank Used for: WASTE Type of Fuel: Not reported Tank Construction: 3 inches Leak Detection: None

Tank Num: 002 Container Num: 2102 Year Installed: 1977 00589250 Tank Capacity: Tank Used for: WASTE Type of Fuel: Not reported Tank Construction: 3 inches Leak Detection: None

003 Tank Num: Container Num: 2103 Year Installed: 1977 00762350 Tank Capacity: Tank Used for: WASTE Type of Fuel: Not reported Tank Construction: 3 inches Leak Detection: None

Tank Num: 004 Container Num: 2104 Year Installed: 1977 Tank Capacity: 00336150 Tank Used for: WASTE

Distance

Elevation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Type of Fuel: Not reported Tank Construction: 3 inches Leak Detection: None

SWEEPS UST:

Not reported Status: 13941 Comp Number: Not reported Number: Board Of Equalization: 44-021533 Referral Date: Not reported Action Date: Not reported Created Date: Not reported Not reported Owner Tank Id:

SWRCB Tank Id: 37-000-013941-000001

Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: 4

Status: Not reported Comp Number: 13941 Number: Not reported Board Of Equalization: 44-021533 Not reported Referral Date: Action Date: Not reported Created Date: Not reported Not reported Owner Tank Id:

SWRCB Tank Id: 37-000-013941-000002

Tank Status: Not reported

Capacity: 600

Active Date: Not reported Tank Use: M.V. FUEL STG: PRODUCT Content: LEADED Number Of Tanks: Not reported

Not reported Status: 13941 Comp Number: Number: Not reported Board Of Equalization: 44-021533 Referral Date: Not reported Action Date: Not reported Not reported Created Date: Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-013941-000003

Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported

Direction Distance Elevation

ance EDR ID Number vation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

Comp Number: 13941
Number: Not reported
Board Of Equalization: 44-021533
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-013941-000004

Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Status: Active Comp Number: 13941 Number: 9

Board Of Equalization: 44-021533
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-013941-000008

Tank Status: A
Capacity: 301700
Active Date: Not reported
Tank Use: CHEMICAL

STG: W

Content: Not reported

Number Of Tanks: 5

Status: Active Comp Number: 13941 Number: 9

Board Of Equalization: 44-021533
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-013941-000009

Tank Status: A
Capacity: 589250
Active Date: Not reported
Tank Use: CHEMICAL

STG: W

Content: Not reported Number Of Tanks: Not reported

Status: Active
Comp Number: 13941
Number: 9

Board Of Equalization: 44-021533
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88

Direction Distance

Elevation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-013941-000010

Tank Status: A
Capacity: 762350
Active Date: Not reported
Tank Use: CHEMICAL

STG: W

Content: Not reported Number Of Tanks: Not reported

Status: Active
Comp Number: 13941
Number: 9

Board Of Equalization: 44-021533
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-013941-000011

Tank Status: A

Capacity: 336150
Active Date: Not reported
Tank Use: CHEMICAL
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active Comp Number: 13941 Number: 9

Referral Date: Not reported Action Date: 06-26-92 Created Date: Not reported Not reported

SWRCB Tank Id: 37-000-013941-000012

Tank Status: A Capacity: 500

Active Date: Not reported Tank Use: PETROLEUM

STG: W

Content: Not reported Number Of Tanks: Not reported

CHMIRS:

OES Incident Number: 02-0440 OES notification: 01/23/2002 OES Date: Not reported Not reported **OES Time:** Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported

U001570978

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

Vehicle Make/year:

U001570978

Estimated Temperature: Not reported Not reported Property Management: Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:
Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported

Not reported

Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Not reported Report Date: Comments: Not reported Facility Telephone: Not reported Waterway Involved: No Waterway: Not reported Spill Site: Not reported Cleanup By: Contractor Containment: Not reported Not reported What Happened: Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported

Agency: Encina Power Station, NRG Incident Date: 1/23/200212:00:00 AM

0

0

Admin Agency: San Diego County Health Services Dept.

2002

Amount: Not reported

Contained: Yes

Year:

BBLS:

Sheen:

Tons:

Site Type: Utilities/Substation
E Date: Not reported
Substance: Mercury
Quantity Released: Not reported

Cups: 0 CUFT: 0 0.000000 Gallons: Grams: 0 Pounds: 0 Liters: 0 Ounces: 4 Pints: 0 Quarts: 0

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

Unknown: 0 0 Evacuations: Number of Injuries: 0 Number of Fatalities: 0

Description: A tech in lab discovered a broken drain pipe and there was mercury

under sink.

OES Incident Number: 06-6734 OES notification: 11/13/2006 **OES Date:** Not reported OES Time: Not reported Not reported Incident Date: Not reported **Date Completed:** Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Estimated Temperature: Not reported Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?: Not reported Resp Agncy Personel # Of Decontaminated: Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Not reported Facility Telephone: Waterway Involved: Not reported

Waterway: Agua Heddionda Lagoon

Spill Site: Not reported Cleanup By: Unknown Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2006

Cabrillo power 1 LLC Agency: Incident Date: 11/13/2006 12:00:00 AM

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported Unknown Contained: Site Type: Utilities/Substation E Date: Not reported Substance: Soap

Quantity Released: Not reported BBLS: Cups: 0 CUFT: 0

0.000000 Gallons:

Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 0 Quarts: Sheen: 0 Tons: Unknown: 0 Evacuations: 0 Number of Injuries: 0 Number of Fatalities:

Description: Unknown surfactant coming out of a 96 inch storm drain easement

OES Incident Number: 99-2053 OES notification: 05/13/1999 **OES Date:** Not reported **OES Time:** Not reported Not reported Incident Date: **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported **Property Management:** Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?: Not reported Resp Agncy Personel # Of Decontaminated: Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

Company Name: Not reported Not reported Reporting Officer Name/ID: Report Date: Not reported Comments: Not reported Facility Telephone: Not reported

Waterway Involved: No Waterway: Not reported Not reported Spill Site: Cleanup By: Reporting Party Containment: Not reported What Happened: Not reported Not reported Type: Not reported Measure: Other: Not reported Date/Time: Not reported

Year: 1999

San Diego Gas and Electric Agency: 5/13/199912:00:00 AM Incident Date:

Admin Agency: Not reported Not reported Amount:

Contained: Yes

Utilities/Substation Site Type: E Date: Not reported Substance: Transformer Oil Quantity Released: Not reported

BBLS: 0 Cups: 0 CUFT: 0 Gallons: 200 0 Grams: Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 0 Sheen: Tons: 0 Unknown: 0 Evacuations: 0 Number of Injuries: 0 Number of Fatalities: 0

Description: Breaker caught on fire and caused oil to escape from the transformer

in a substation. Incident is under investigation

OES Incident Number: 03-4038 OES notification: 08/10/2003 OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported **Date Completed:** Not reported Not reported Property Use: Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Estimated Temperature: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:

Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Not reported Vehicle State: Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported Waterway Involved: Yes

Waterway: Aguanedionza Lagoon

Spill Site: Not reported Cleanup By: Reporting Party Not reported Containment: What Happened: Not reported Not reported Type: Measure: Not reported Other: Not reported Date/Time: Not reported 2003 Year:

Agency: Encina Power Station
Incident Date: 8/10/200312:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported Contained: Yes

Site Type: Utilities/Substation
E Date: Not reported
Substance: Oil Paint
Quantity Released: Not reported

BBLS: 0 Cups: 0 CUFT: 0 Gallons: 2 1/2 Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 Sheen: 0 Tons: 0 Unknown:

Direction Distance

Elevation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

Description: Someone threw container of paint in lagoon and the reporting party

contained the paint.

OES Incident Number: 98-2335 OES notification: 05/18/1998 OES Date: Not reported **OES Time:** Not reported Not reported Incident Date: Not reported **Date Completed:** Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported **Property Management:** Not reported Special Studies 1: Not reported Special Studies 2: Not reported Not reported Special Studies 3: Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:
Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported

Vehicle Make/year: Not reported Not reported Vehicle License Number: Not reported Vehicle State: Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported

Waterway Involved: Yes
Waterway: Cooling water lagoon

Spill Site: Not reported Cleanup By: Reporting Party Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported Other: Not reported Date/Time: Not reported Year: 1998

Agency: San Diego Gas & Electric Incident Date: 5/18/199812:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Direction Distance Elevation

n Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Amount: Not reported

Contained: Yes

Site Type: Utilities/Substation
E Date: Not reported

Substance: transformer oil non-pcb

Quantity Released: Not reported

BBLS: 0 Cups: 0 CUFT: 0 Gallons: 20 0 Grams: Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 0 Sheen: Tons: 0 Unknown: 0 Evacuations: 0 Number of Injuries: O Number of Fatalities: 0

Description: top of transformer came off and oil spilled onto ground and some went

into Encina Lagoon, not leaving the property. In process of clean-up.

OES Incident Number: 98-5254 OES notification: 11/24/1998 **OES Date:** Not reported **OES Time:** Not reported Not reported Incident Date: **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported **Property Management:** Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:
Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported
Not reported
Others Number Of Fatalities:
Not reported
Not reported

Vehicle Make/year:
Vehicle License Number:
Vehicle State:
Vehicle Id Number:
CA/DOT/PUC/ICC Number:
Not reported
Not reported
Not reported
Not reported

Direction Distance Elevation

n Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported Waterway Involved: Yes

Pacific Ocean Waterway: Spill Site: Not reported Cleanup By: Not Feasable Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported Other: Not reported Date/Time: Not reported

Year: 1998 Agency: San Diego Gas and Electric

Admin Agency: San Diego County Health Services Dept.

11/24/199812:00:00 AM

Amount: Not reported

Contained: Yes

Incident Date:

Site Type: Ship/Harbor/Port
E Date: Not reported
Substance: #2 Diesel
Quantity Released: Not reported

BBLS: 0
Cups: 0
CUFT: 0

Gallons: 0.000000

Grams: 0 0 Pounds: Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 0 Sheen: Tons: 0 Unknown: 0 Evacuations: 0 Number of Injuries: 0 Number of Fatalities: 0

Description: Contactor taking sand off of the off shore hoses and a pinhole leak

was discovered. Hose is 12 inches in diameter. The diver put finger over the hose and vacuum was put on the submergered hose stopping the

leak. Leak is in the process of being repairred. Diesel went to the

surface creating a small sheen which dispersed.

OES Incident Number: 00-1241 OES notification: 03/15/2000 OES Date: Not reported Not reported **OES Time:** Incident Date: Not reported Not reported **Date Completed:** Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported

Direction Distance Elevation

EDR ID Number

n Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

Time Completed: Not reported Not reported Surrounding Area: Estimated Temperature: Not reported Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:

Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported

Waterway Involved: No

Waterway: Not reported Spill Site: Not reported Cleanup By: Contractor / Foss Containment: Not reported What Happened: Not reported Type: Not reported Not reported Measure: Not reported Other: Date/Time: Not reported Year: 2000

Agency: Cabrillo Power 1
Incident Date: 3/15/200012:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes

Site Type: Industrial Plant
E Date: Not reported
Substance: Fuel oil # 6
Quantity Released: Not reported

BBLS: 0 Cups: 0 CUFT: 0 80 -100 Gallons: Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0

Direction Distance Elevation

istance EDR ID Number levation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

 Sheen:
 0

 Tons:
 0

 Unknown:
 0

 Evacuations:
 0

 Number of Injuries:
 0

 Number of Fatalities:
 0

Description: Fuel oil line from storage tank failed and spilled within berm of

fuel oil storage tank.

OES Incident Number: '13-0556 01/26/2013 OES notification: Not reported **OES Date: OES Time:** Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Estimated Temperature: Not reported Not reported Property Management: Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:
Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Not reported Comments: Facility Telephone: Not reported Waterway Involved:

Waterway: Auga Hedionda Lagoon Pacific Ocean

Spill Site: Other

Reporting Party Cleanup By: Containment: Not reported What Happened: Not reported Type: Not reported Measure: Gal(s) Other: Not reported Date/Time: 1300 2013 Year:

Direction Distance Elevation

Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Agency: Cabrillo I LLC Incident Date: 1/26/2013

Admin Agency: San Diego County Health Services Department

Amount: Not reported

Contained: Yes

Site Type: Auga Hedionda Lagoon Pacific Ocean

E Date: Not reported Substance: Hydraulic Oil

Quantity Released: 5

BBLS: Not reported Cups: Not reported CUFT: Not reported Gallons: Not reported Grams: Not reported Pounds: Not reported Liters: Not reported Not reported Ounces: Pints: Not reported Quarts: Not reported Sheen: Not reported Not reported Tons: Unknown: Not reported Not reported Evacuations: Number of Injuries: Not reported Number of Fatalities: Not reported

Description: Caller states SDG&E was conducting work on-site when there truck

ruptured a hydraulic line. Caller states substance released to a storm drain that releases to Auga Hedionda Lagoon. Caller states the storm drain has been isolated. Caller also states there is no sign of a release to the lagoon and a boom has been placed as a precautionary

measure.

OES Incident Number: 97-1652 OES notification: 04/25/1997 OES Date: Not reported Not reported **OES Time:** Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Not reported **Estimated Temperature:** Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:

Resp Agncy Personel # Of Decontaminated:

Responding Agency Personel # Of Injuries:

Responding Agency Personel # Of Fatalities:

Others Number Of Decontaminated:

Not reported

Not reported

Not reported

Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Not reported Comments: Not reported Facility Telephone: Waterway Involved: Yes

Waterway: Pacific Ocean Spill Site: Not reported Cleanup By: Reporting Party Containment: Not reported Not reported What Happened: Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported 1997 Year:

Agency: San Diego Gas & Electric Incident Date: 4/25/199712:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes

Site Type: Utilities/Substation
E Date: Not reported
Substance: Hydraulic Oil
Quantity Released: Not reported

BBLS: Cups: 0 CUFT: 0 2 Gallons: Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 Sheen: 0 Tons: 0 Unknown: 0 Evacuations: 0 Number of Injuries: Number of Fatalities:

Description: Hydraulic line on a crane in the area leaked and released from the

line overgrading into the cooling water system.

OES Incident Number: 97-2019
OES notification: 05/20/1997
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Property Use: Not reported Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Not reported Estimated Temperature: Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Not reported Special Studies 4: Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:
Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Not reported Comments: Not reported Facility Telephone: Waterway Involved: Yes

Waterway: Storm drain. Spill Site: Not reported Reporting Party Cleanup By: Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported Year: 1997

Agency: San Diego Gas & Electric Incident Date: 5/20/199712:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes

Site Type: Utilities/Substation
E Date: Not reported
Substance: Fuel oil
Quantity Released: Not reported

BBLS: 0
Cups: 0
CUFT: 0
Gallons: 1
Grams: 0
Pounds: 0

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

Liters: 0 Ounces: Pints: 0 0 Quarts: Sheen: 0 Tons: 0 Unknown: 0 Evacuations: 0 Number of Injuries: 0 Number of Fatalities:

Description: Hidden risidual found from previous spill, found running into storm

drain. Booms deployed in the storm drain.

OES Incident Number: 97-1311 04/01/1997 OES notification: **OES Date:** Not reported **OES Time:** Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Not reported Time Notified: Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:

Resp Agncy Personel # Of Decontaminated:

Responding Agency Personel # Of Injuries:

Responding Agency Personel # Of Fatalities:

Others Number Of Decontaminated:

Others Number Of Injuries:

Others Number Of Fatalities:

Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported Waterway Involved: No

Waterway Involved:
Waterway:
Spill Site:
Cleanup By:
Containment:
What Happened:
Type:
No
No
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

Measure: Not reported Other: Not reported Not reported Date/Time: 1997 Year:

Agency: San Diego Gas & Electric 4/1/199712:00:00 AM Incident Date:

San Diego County Health Services Dept. Admin Agency:

Amount: Not reported Contained: Yes Site Type: Other E Date: Not reported

Substance: Diesel Fuel-Mineral Oil

Quantity Released: Not reported

BBLS: Cups: 0 CUFT: 0 55 Gallons: Grams: 0 Pounds: 0 Liters: 0 0 Ounces: Pints: 0 Quarts: 0 Sheen: Tons: 0 Unknown: 0 Evacuations: 0 Number of Injuries: 0 Number of Fatalities:

A hose fitting was bad on the tanker truck connection to the tank. A Description:

vacuum truck is on its way.

OES Incident Number: 01-7258 OES notification: 12/15/2001 OES Date: Not reported OES Time: Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Not reported Surrounding Area: Not reported Estimated Temperature: Not reported Property Management: Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?: Not reported Resp Agncy Personel # Of Decontaminated: Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported

Direction Distance Elevation

EDR ID Number Site Database(s) **EPA ID Number**

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Not reported Facility Telephone:

Waterway Involved: No

Waterway: Not reported Spill Site: Not reported Cleanup By: Unknown Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported 2001 Year: Agency: **NRC**

12/15/200112:00:00 AM Incident Date:

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported Contained: Yes Site Type: Other E Date: Not reported Substance: Fuel Oil;;; Quantity Released: Not reported

BBLS: Cups: 0 CUFT: 0 15 Gallons: Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 Sheen: 0 Tons: 0 0.000000 Unknown:

Evacuations: 0 Number of Injuries: 0 Number of Fatalities:

Description: Per NRC: The Material spilled out of a fuel oil storage tank, Due to

the roof drain valve leaking.

OES Incident Number: 01-4101 OES notification: 07/16/2001 **OES Date:** Not reported OES Time: Not reported Incident Date: Not reported **Date Completed:** Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Property Use: Not reported Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Not reported Estimated Temperature: Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Not reported Special Studies 4: Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:
Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Not reported Comments: Facility Telephone: Not reported Waterway Involved: No

Waterway: Not reported Spill Site: Not reported Reporting Party Cleanup By: Not reported Containment: What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported 2001 Year:

Agency: NRG Cabrillo 1 LLC Incident Date: 7/16/200112:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes

Site Type: Utilities/Substation
E Date: Not reported
Substance: Fuel Oil
Quantity Released: Not reported

 BBLS:
 0

 Cups:
 0

 CUFT:
 0

 Gallons:
 20

 Grams:
 0

 Pounds:
 0

Direction Distance Elevation

ance EDR ID Number vation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

 Liters:
 0

 Ounces:
 0

 Pints:
 0

 Quarts:
 0

 Sheen:
 0

 Tons:
 0

 Unknown:
 0.000000

 Evacuations:
 0

Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

Description: Tank #2 has developed a leak for an unknown reason, the contents are

being transferred to another tank

OES Incident Number: 02-3641 OES notification: 07/04/2002 **OES Date:** Not reported **OES Time:** Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Not reported Time Notified: Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:

Resp Agncy Personel # Of Decontaminated:

Responding Agency Personel # Of Injuries:

Responding Agency Personel # Of Fatalities:

Others Number Of Decontaminated:

Others Number Of Injuries:

Others Number Of Fatalities:

Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported Waterway Involved: Yes

Waterway: Agua Hedinohionda
Spill Site: Not reported
Cleanup By: Contractor
Containment: Not reported
What Happened: Not reported
Type: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SDG&E ENVIRONMENTAL #3 (Continued)

U001570978

EDR ID Number

Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2002

Agency: NRG Cabrillo Power Incident Date: 7/4/200212:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: No

Site Type: Utilities/Substation E Date: Not reported

Substance: oil

Quantity Released: Not reported

BBLS: 0
Cups: 0
CUFT: 0

Gallons: 0.000000

Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 Sheen: Tons: 0 Unknown: 0 Evacuations: 0 Number of Injuries: 0 Number of Fatalities:

Description: Sheen of oil seen in a lagoon, traced it to a ditch on the south side

of property. Unknown for sure where its coming from. Boom deployed. Cooling water from the ocean that is used to cool the plant, not used

for drinking or recreation.

A40 ERNS 2001560239

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 40 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

A41 CABRILLO POWER I LLC RCRA-LQG 1000137434

Target 4600 CARLSBAD BLVD FINDS CAT000618900
Property CARLSBAD, CA 92008 US AIRS

Site 41 of 60 in cluster A

Actual: RCRA-LQG:

26 ft. Date form received by agency: 01/31/2008

Facility name: ENCINA POWER STATION
Facility address: 4600 CARLSBAD BLVD
CARLSBAD, CA 92008

EPA ID: CAT000618900
Contact: JERRY L CARTER
Contact address: Not reported

N/A

Direction Distance Elevation

evation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

Not reported
Contact country: Not reported
Contact telephone: (760) 268-4011

Contact email: JERRY.CARTER@CABRILLOPOWER.COM

EPA Region: 09 Land type: Private

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

hazardous waste during any calendar month, and accumulates more than

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CABRILLO POWER I LLC
Owner/operator address: 4600 CARLSBAD BLVD
CARLSBAD, CA 92008

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/22/1999
Owner/Op end date: Not reported

Owner/operator name: NRG CABRILLO POWER OPERATIONS

Owner/operator address: Not reported
Not reported
Owner/operator country: US

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/23/2001
Owner/Op end date: Not reported

Handler Activities Summary:

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

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

Used oil transporter: No

Historical Generators:

Date form received by agency: 02/28/2006

Site name: CABRILLO POWER I LLC Classification: Small Quantity Generator

Date form received by agency: 02/28/2006

Site name: CABRILLO POWER I LLC Classification: Large Quantity Generator

Date form received by agency: 02/25/2004

Site name: ENCINA POWER STATION Classification: Large Quantity Generator

Date form received by agency: 02/25/2002

Site name: CABRILLO POWER I LLC Classification: Large Quantity Generator

Date form received by agency: 05/11/1999

Site name: CABRILLO POWER ILLC ENCINA POWER PLANT

Classification: Small Quantity Generator

Date form received by agency: 02/26/1996

Site name: SAN DIEGO GAS & ELECTRIC Classification: Large Quantity Generator

Date form received by agency: 03/31/1994

Site name: CABRILLO POWER ILLC ENCINA POWER PLANT

Classification: Large Quantity Generator

Date form received by agency: 03/27/1994 Site name: SDG&E

Classification: Large Quantity Generator

Date form received by agency: 02/26/1992

Site name: SAN DIEGO GAS & ELECTRIC/ENCIN

Classification: Large Quantity Generator

Date form received by agency: 04/09/1990

Site name: SAN DIEGO GAS AND ELECTRIC CO./ENCINA

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Direction Distance

EDR ID Number Elevation Database(s) **EPA ID Number** Site

CABRILLO POWER I LLC (Continued)

1000137434

Waste code: D007 **CHROMIUM** Waste name:

D008 Waste code:

Waste name: **LEAD** D018 Waste code:

Waste name: BENZENE

Waste code: D035

METHYL ETHYL KETONE Waste name:

Waste code: D038 Waste name: **PYRIDINE**

Waste code: D039

TETRACHLOROETHYLENE Waste name:

Waste code:

THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL Waste name:

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.

F005 Waste code:

THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL Waste name:

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A Area of violation: Generators - General

Date violation determined: 09/27/1991 Date achieved compliance: 09/27/1996 Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Not reported Enf. disposition status: 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: 07/24/1986

Direction Distance Elevation

ation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

Date achieved compliance: 11/04/1992 State Violation lead agency: Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Not reported Enforcement lead agency: 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: 11/01/1984
Date achieved compliance: 11/02/1984
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/01/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

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

Evaluation Action Summary:

Evaluation date: 09/27/1991

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 09/27/1996

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/24/1986

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 11/04/1992 Evaluation lead agency: State

Evaluation date: 11/01/1984

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 11/02/1984 Evaluation lead agency: State

FINDS:

Registry ID: 110055704288

Environmental Interest/Information System
Registry ID: 110055767326

Environmental Interest/Information System

AIRS (AFS):

Compliance and Violation Data Major Sources: EPA plant ID: 110000730433

Direction Distance

Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

CABRILLO POWER I LLC ENCINA POWER PLANT Plant name:

Plant address: 4600 CARLSBAD BLVD CARLSBAD, CA 92008

SAN DIEGO

County:

Region code: 09

Dunn & Bradst #: Not reported Air quality cntrl region: 029 Sic code: 4911

Sic code desc: **ELECTRIC SERVICES**

North Am. industrial classf: 221112

NAIC code description: Fossil Fuel Electric Power Generation Default compliance status: IN COMPLIANCE - INSPECTION

ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE Default classification:

THRESHOLDS

ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR Govt facility:

LOCAL GOVERNMENT

Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: **NSR**

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 000621 00000000 Penalty amount:

Air program: TITLE V PERMITS

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 000621 Penalty amount: 00000000

SIP SOURCE Air program:

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 000621 00000000 Penalty amount:

Air program: **NSPS**

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 000621 00000000 Penalty amount:

SIP SOURCE Air program:

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 010521 Penalty amount: 00000000

Air program: **NSPS**

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 010521 00000000 Penalty amount:

Air program: **NSR**

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 010521 Penalty amount: 00000000

Air program: TITLE V PERMITS

ST SOURCE TEST CONDUCTED National action type:

Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

Date achieved: 020327
Penalty amount: Not reported

Air program: NSPS

National action type: STATE CONDUCTED PCE/ ON-SITE

Date achieved: 020627
Penalty amount: 000000000

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED PCE/ ON-SITE

Date achieved: 020627
Penalty amount: 000000000

Air program: NSR

National action type: STATE CONDUCTED PCE/ ON-SITE

Date achieved: 020627
Penalty amount: 000000000

Air program: SIP SOURCE

National action type: STATE CONDUCTED PCE/ ON-SITE

Date achieved: 020627 Penalty amount: 000000000

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION STATE REVIEW

Date achieved: 030617
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 030626
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 040301
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: ST SOURCE TEST CONDUCTED

Date achieved: 040604
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION EPA REVIEW

Date achieved: 040716
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 050419
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION STATE REVIEW

Date achieved: 050419
Penalty amount: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

Air program: TITLE V PERMITS

National action type: ST SOURCE TEST CONDUCTED

Date achieved: 050810
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 051019
Penalty amount: Not reported

Air program: SIP SOURCE

National action type: ST SOURCE TEST CONDUCTED

Date achieved: 060714
Penalty amount: Not reported

Air program: SIP SOURCE

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 070514
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION STATE REVIEW

Date achieved: 070514
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 070514
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 070712
Penalty amount: Not reported

Air program: NSR

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 071030
Penalty amount: Not reported

Air program: NSPS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 071030
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 071030
Penalty amount: Not reported

Air program: SIP SOURCE

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 071030
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION STATE REVIEW

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

1000137434

Date achieved: 080513 Not reported Penalty amount:

NSR Air program:

ST SOURCE TEST CONDUCTED National action type:

Date achieved: 080612 Penalty amount: Not reported

NSPS Air program:

National action type: ST SOURCE TEST CONDUCTED

080612 Date achieved: Penalty amount: Not reported

Air program: SIP SOURCE

ST SOURCE TEST CONDUCTED National action type:

Date achieved: 080612 Penalty amount: Not reported

Air program: TITLE V PERMITS

ST SOURCE TEST CONDUCTED National action type:

Date achieved: 080612 Penalty amount: Not reported

Air program: TITLE V PERMITS

TITLE V COMPLIANCE CERT DUE/RECEIVED BY National action type:

Date achieved: 090219 Penalty amount: Not reported

TITLE V PERMITS Air program:

STATE CONDUCTED FCE / ON-SITE National action type:

Date achieved: 090407 Penalty amount: Not reported

Air program: **NSPS**

STATE CONDUCTED FCE / ON-SITE National action type:

Date achieved: 090407 Penalty amount: Not reported

Air program: **NSR**

STATE CONDUCTED FCE / ON-SITE National action type:

Date achieved: 090407 Penalty amount: Not reported

SIP SOURCE Air program:

STATE CONDUCTED FCE / ON-SITE National action type:

Date achieved: 090407 Penalty amount: Not reported

Air program: SIP SOURCE

ST SOURCE TEST CONDUCTED National action type:

Date achieved: 090529 Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION STATE REVIEW

Date achieved: 090915 Penalty amount: Not reported

Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION STATE REVIEW

Date achieved: 100421
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 100429
Penalty amount: Not reported

Air program: SIP SOURCE

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 100429
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION STATE REVIEW

Date achieved: 101124
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY

Date achieved: 110209
Penalty amount: Not reported

Air program: SIP SOURCE

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 110527
Penalty amount: Not reported

Air program: NSR

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 110527
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 110527
Penalty amount: Not reported

Air program: NSPS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 110527
Penalty amount: Not reported

Air program: SIP SOURCE

National action type: ST SOURCE TEST CONDUCTED

Date achieved: 110616
Penalty amount: Not reported

Air program: NSPS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 111228
Penalty amount: Not reported

Air program: SIP SOURCE

National action type: STATE CONDUCTED FCE / ON-SITE

Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

Date achieved: 111228
Penalty amount: Not reported

Air program: NSR

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 111228
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 111228
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION STATE REVIEW

Date achieved: 120531
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 130502
Penalty amount: Not reported

Air program: SIP SOURCE

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 130502
Penalty amount: Not reported

Air program: NSR

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 130502
Penalty amount: Not reported

Air program: NSPS

National action type: STATE CONDUCTED FCE / ON-SITE

Date achieved: 130502
Penalty amount: Not reported

Air program: TITLE V PERMITS

National action type: COMPLIANCE CERTIFICATION STATE REVIEW

Date achieved: 130918
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 970320
Penalty amount: 000000000

Air program: TITLE V PERMITS

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 970520
Penalty amount: 000000000

Air program: SIP SOURCE

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 970520 Penalty amount: 000000000

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

1000137434

Air program: **NSR**

MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER National action type:

970520 Date achieved: Penalty amount: 00000000

NSPS Air program:

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 970520 00000000 Penalty amount:

TITLE V PERMITS Air program: National action type: STATE DAY 0 970601 Date achieved: Penalty amount: 00000000

TITLE V PERMITS Air program:

National action type: NXXXXX Date achieved: 970613 Penalty amount: 00000000

Air program: TITLE V PERMITS

National action type: NXXXXX Date achieved: 970625 Penalty amount: 00000000

Air program: TITLE V PERMITS

National action type: STATE SV REPORTED AS ADDRESSED

Date achieved: 970723 Penalty amount: 00000000

TITLE V PERMITS Air program:

National action type: **NXXXXX** Date achieved: 971218 Penalty amount: 000000700

TITLE V PERMITS Air program:

National action type: **NXXXXX** Date achieved: 971218 00000500 Penalty amount:

TITLE V PERMITS Air program: National action type: SV RESOLVED Date achieved: 971218 Penalty amount: 00000000

TITLE V PERMITS Air program:

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 980617 Penalty amount: 00000000

Air program: **NSPS**

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

980617 Date achieved: Penalty amount: 00000000

Air program: NSR

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

Date achieved: 980617
Penalty amount: 000000000

Air program: SIP SOURCE

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 980617
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: STATE DAY 0
Date achieved: 980821
Penalty amount: 000000000

Air program: TITLE V PERMITS

National action type: NXXXXX
Date achieved: 980821
Penalty amount: 000000000

Air program: TITLE V PERMITS

National action type: STATE SV REPORTED AS ADDRESSED

Date achieved: 980828
Penalty amount: 000000000

Air program: TITLE V PERMITS

National action type: NXXXXX
Date achieved: 981125
Penalty amount: 000000250

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 981125
Penalty amount: 000000000

Air program: SIP SOURCE

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 990216
Penalty amount: 000000000

Air program: TITLE V PERMITS

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 990216
Penalty amount: 000000000

Air program: NSPS

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 990216
Penalty amount: 000000000

Air program: NSR

National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER

Date achieved: 990216
Penalty amount: 000000000

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

Distance Elevation Site

Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

State compliance status:

IN COMPLIANCE - INSPECTION

Hist compliance date: 1004 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1004
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1004

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1101

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1101 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1101
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1101

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1102

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1102 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1102
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1102

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1103

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1103
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1103
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

EDR ID Number

1000137434

Map ID MAP FINDINGS
Direction

Distance
Elevation Site Database(s)

CABRILLO POWER I LLC (Continued)

Hist compliance date: 1103

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1104

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1104 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1104
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1104

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1201

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1201 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1201
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1201

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1202

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1202 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1202 Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1202

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1203

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1203

EDR ID Number

EPA ID Number

1000137434

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1203
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1203

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1204

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1204 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1204 Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1204

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1301

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1301 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1301 Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1301

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1302

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1302 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1302 Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 130

Air prog code hist file: TITLE V PERMITS

EDR ID Number

1000137434

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1000137434

EDR ID Number

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1303

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1303 Air prog code hist file: NSR

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1303 Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION

Hist compliance date: 1303

Air prog code hist file: TITLE V PERMITS

Permit Information:

Compliance plant ID: 00033
Permit number: 974488
Permit category: V

Permit category desc: TITLE V PERMIT - PLANT SP

Permit Source:

Compliance plant ID: 00033

Plant name: CABRILLO POWER I LLC ENCINA POWER PLANT

Plant address: 4600 CARLSBAD BLVD CARLSBAD, CA 92008

Event Information:

Compliance permit ID: 00033 Permit number: 974488

Event action type:

Event description: *PERMIT AUTHORITY ISSUES FINAL PERMIT

Event action #: 001 Event date: 20031205

A42 CABRILLO POWER I LLC
Target 4600 CARLSBAD BLVD
Property CARLSBAD, CA 92008

San Diego Co. HMMD S106061146

N/A

Site 42 of 60 in cluster A

Actual: SAN DIEGO CO. HMMD:

26 ft. Facility Id: 113941 Business Type: 6HK52

 EPA Id Number:
 CAT000618900

 APN:
 210-010-39-00

 Last HMMD Inspection:
 11/01/2011

 Permit Status:
 OPEN

 Permit Expiration:
 06/30/2013

Facility Owner: CABRILLO POWER I LLC Facility Address: 4600 CARLSBAD BL

Facility City: CARLSBAD

Facility State: CA

Facility Zip: 92008-4301

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

SDG&ECO **UST Owner:**

Handle Regulated Hazmat: Υ

Own Or Operate UST: Not reported Subject To APSA: Not reported

Generate Haz Waste: Υ Treat Haz Waste: Υ

Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 113941 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 113941

SINGLE WALL Tank Type:

Additional Id: 1101 Capacity Gallons: 10000 **UST Contents:** DIESEL Other Content Info: DIESEL Reg Status: REMOVED

Remove Close Date: 1988-11-02 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING **UST Monitor Method:**

ALTERNATIVE DURING INSPECTION.

UNDERGROUND TANK 113941 T002 **UST Name:**

Last Update: 2012-11-02 14:17:38

Permit Number: 113941 **DOUBLE WALL** Tank Type:

Additional Id: 1102 Capacity Gallons: 600 **UST Contents:** LEADED Other Content Info: **LEADED** Reg Status: **REMOVED**

Remove Close Date: 1988-11-02 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING **UST Monitor Method:**

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 113941 T003

Last Update: 2012-11-02 14:17:38

Permit Number: 113941 SINGLE WALL Tank Type:

Additional Id: 1103 Capacity Gallons: 1000 Not reported **UST Contents:** Other Content Info: WASTE OIL Reg Status: CLOSED

Remove Close Date: 1988-11-02 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code:

NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING **UST Monitor Method:**

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 113941 T004

Last Update: 2012-11-02 14:17:38

Permit Number: 113941
Tank Type: SINGLE WALL

Additional Id: 1104
Capacity Gallons: 1000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED

Remove Close Date: 1988-11-02 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.

UST Name: UNDERGROUND TANK 113941 T012

Last Update: 2012-11-02 14:17:38

Permit Number: 113941
Tank Type: DOUBLE WALL

Additional Id: 005
Capacity Gallons: 500
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED

Remove Close Date: 1995-04-04 00:00:00 Year Installed: 1986-01-01 00:00:00

Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: Not reported
UST Monitor Method: Not reported

Active Permits:

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 8002-05-9

Name: DTE 797, LUBRICATING OIL

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 25155-23-1

Name: FRYQUEL EHC FIRE RESIST ELECTRO-HYDRAULIC

Other Information: FLUID 50% TRIXYLENYL PHOSPHATE

Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 1333-74-0

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Name: HYDROGEN
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: MOBIL SHC 634 Other Information: Not reported Material Material Waste: Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 64740-48-9

Name: NAPHTHOL SPIRITS
Other Information: BREAKTHROUGH, RI350

Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7727-37-9

Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: CRYOGENIC

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 68553-00-4 OILS, #6 FUEL Name: Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 331 OFF-SPEC, AGED, SURPLUS ORGANICS

Other Information: HYDROCARBONS, LIMONENE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 107-21-1

Name: ANTIFREEZE (ETHYLENE GLYCOL)

Other Information: Not reported Material Waste: Material

Direction Distance Elevation

evation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: **BREEZE** Other Information: Not reported Material Waste: Material REACTIVE Hazardous Categories 1: Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: NALCO TRAC107 Other Information: Not reported Material Waste: Material Hazardous Categories 1: **REACTIVE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported NALCO TRAC108 Name: Other Information: Not reported Material Waste: Material Hazardous Categories 1: **REACTIVE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7440-37-1

Name: ARGON COMPRESSED GAS

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: ACUTE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Case Number:
 8042-47-5

 Name:
 HYDRAULIC OIL

Other Information: TEXACO RANDO HYDRUALIC OIL AZ

Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: MOBIL EAL 224H Other Information: Not reported Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: MOBILGEAR 600 XP 680

Other Information: Not reported Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 113941 11/02/2012 Update Date: Case Number: 10102-43-9 NITRIC OXIDE Name: Other Information: Not reported Material Waste: Material

PRESSURE RELEASE Hazardous Categories 1:

ACUTE Hazardous Categories 2:

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported NYVAC FR 200D Name: Other Information:

MOBIL NYVAC FR 200D

Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7782-44-7

OXYGEN, COMPRESSED GAS Name:

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Not reported Hazardous Categories 2:

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7681-52-9

SODIUM HYPOCHLORITE 12% Name:

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

113941 Facility Id: Update Date: 11/02/2012 Case Number: Not reported

WASTE 135 UNSPECIFIED AQUEOUS SOL'N Name:

Other Information: CHLORIDE LAB WASTE

Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)

Other Information: DBRS W/SLFRC ACD,SPL CLN

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)*

Other Information: RESIN WASTE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: AER-O-FOAM Other Information: Not reported Material Waste: Material Hazardous Categories 1: **REACTIVE** Hazardous Categories 2: Not reported

Facility Id: 113941
Update Date: 11/02/2012
Case Number: 132259-10-0
Name: AIR, COMPRESSED
Other Information: Not reported

Hazardous Categories 1: PRESSURE RELEASE

Material

Hazardous Categories 2: Not reported

Material Waste:

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 497-18-7

Name: ELIMINIX OXYGEN SCAVENGER (CARBOHYDRAZIDE MIXTURE)

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 128-04-1 HI-CHEM HMP Name: Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 141 OFF-SPEC, AGED, SURPL INORGANICS

Other Information: SODIUM HYDROXIDE

Material Waste: Waste

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 151 ASBESTOS CONTAINING WASTE

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 223 UNSPEC OIL CONTAINING WASTE

Other Information: USED OIL W/WATER

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 331 OFF-SPEC,AGED,SURPLUS ORGANICS

Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)*

Other Information: FLUOROSILICONE PASTE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7647-01-0

Name: HYDROCHLORIC ACID 74%

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: MOBILUBE HD PLUS 80W-90

Other Information:
Material Waste:
Hazardous Categories 1:
Hazardous Categories 2:
Not reported

Direction Distance Elevation

evation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7664-93-9

Name: SULFURIC ACID 98%

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: **MIXTURE** VITEC3000 Name: Other Information: VISTA VITEC Material Waste: Material Hazardous Categories 1: **ACUTE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG

Other Information: OILY WATER W/SURFACTANTS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)

Other Information: BLAST GRIT W/CV, PB, CD

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 212 OXYGENATED SOLVENTS

Other Information: PAINT CLEANER WASTE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)

Other Information: OILY DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Name: WASTE 352 ORGANIC SOLIDS (OTHER) OTHER

Other Information: WASTE PAINT (212)

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7664-41-7

Name: AMMONIUM HYDROXIDE
Other Information: AQUEOUS AMMONIA, 19%

Material Waste: Material

Hazardous Categories 1: EXTREMELY HAZARDOUS

Hazardous Categories 2: Not reported

Facility Id: 113941
Update Date: 11/02/2012
Case Number: Not reported
Name: ARGONITE
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 124-38-9

Name: CARBON DIOXIDE, COMPRESSED GAS

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: CHEMGUARD 3% FLUOROPROTEIN
Other Information: CHEMGUARD FLUOROPROTEIN

Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Case Number:
 10028-22-5

Name: FERRIC SULFATE, SOLUTION

Other Information: IRON SULFATE, IRON (III) SULFATE, FERRIC TRISULFATE

Material Waste: Material Hazardous Categories 1: REACTIVE Hazardous Categories 2: ACUTE

Facility Id: 113941
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 113941
Update Date: 11/02/2012
Case Number: MIXTURE
Name: LUBRICATI

Name: LUBRICATING OIL
Other Information: TEXACO MULTIGEAR OIL

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: MOLYCOTE L-2110 VG100

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 108-91-8

Name: NALCO 356 NEUTRALIZING AMINE

Other Information: NALCO 356
Material Waste: Material

Hazardous Categories 1: EXTREMELY HAZARDOUS

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: URSA SUPER PLUS SAE 30W

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 513 EMPTY CONTNR(LESS THAN 30 GAL)

Other Information: EMPTY CONTAINERS (513)

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 630-08-0

Name: CARBON MONOXIDE, COMPRESSED GAS

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: ACUTE

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 68334-30-5 Name: DIESEL FUEL #2 Other Information: Not reported Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 113941 11/02/2012 Update Date: Case Number: Not reported MILLENNIUM Name: Other Information: Not reported Material Waste: Material Hazardous Categories 1: **ACUTE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported NALCO TRAC 106 Name: Other Information: Not reported Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 1310-73-2

Name: SODIUM HYDROXIDE 50% SOLUTION

Other Information: CAUSTIC SODA SOLUTION

Material Waste: Material Hazardous Categories 1: REACTIVE Hazardous Categories 2: ACUTE

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 551 LABORATORY WASTE CHEMICALS

Other Information: MIXED & LAB WASTE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 74-86-2

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

Name: ACETYLENE, COMPRESSED GAS

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 10024-97-2

Name: NITROGEN OXIDE, COMPRESSED GAS

Other Information: Not reported Material Waste: Material

PRESSURE RELEASE Hazardous Categories 1:

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 8042-47-5 Case Number:

Name: SHELL DIALA MINERAL OIL

TRANSFORMER OIL Other Information:

Material Waste: Material Hazardous Categories 1: **FIRE** Not reported Hazardous Categories 2:

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 221 WASTE OIL & MIXED OIL

Other Information: **USED OIL** Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Violations Active Permits:

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 11/29/2005 Violation Code: 6HV1745

ANNUAL WASTE MINIM. CERT. INADEQ/MISSING Violation: Annual waste minimization certification not properly Violation Citation:

completed/submitted to CUPA (must outline waste minimization program -as economically feasible- and state that treatment is in accordance with waste minimization program). {CA units: 25202.9 & 25200.3(c)(2);

PBR 66262.45(c)}

ACTIVE Activity:

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 04/07/2010 Violation Code: 6HV2668

DID NOT COMPLY W/AUDIT REQUIREMENTS Violation:

Violation Citation: Owner/operator of a stationary source failed to meet compliance audit

requirements. 2755.6

ACTIVE Activity:

Facility Id: 113941 Update Date: 11/02/2012

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

Inspection Date: 04/07/2010 Violation Code: 6HV1605

NO DAILY TANK INSPECTION/LOG Violation:

Violation Citation: Failed to inspect and/or document daily HW tank system inspections.

66265.195 (c)

Activity: **ACTIVE**

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 04/07/2010 Violation Code: 6HV1009

HMBP: INADEQUATE SITE MAP Violation:

Violation Citation: Business Plan does not have a site map which provides sufficient or

complete information for emergency response agencies. HSC 25509(a)(5)

& 25505(a)(2)

Activity: **ACTIVE**

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 11/29/2005 Violation Code: 6HV1003

Violation: HMBP NOT AMENDED W/IN 30 DAYS

Violation Citation: Business plan was not amended within 30 days for a 100% quantity

increase, new disclosable materials or a change in business info. HSC

25505

Activity: **ACTIVE**

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 04/07/2010 Violation Code: 6HV2658

OPS PROCED. NOT UPDATED FOR MAJOR CHANGE Violation: Violation Citation: Owner/operator of a stationary source failed to update operating

procedures when a major changed occurred, prior to startup of the

changed process. 2755.3(c)

ACTIVE Activity:

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 04/07/2010 Violation Code: 6HV0217

HAZMAT CON. NOT REPACKAGED WI 96 HRS. Violation:

Violation Citation: Failed to repackage damaged/deteriorated hazardous material container

within 96 hours. 25124(b)(3)(B) & 66262.34(f)

Activity: **ACTIVE**

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 11/01/2011 Violation Code: 6HV0221

DID NOT COMPLY W/SATELLITE REGS. Violation:

Violation Citation: Failed to comply with satellite regulations. 66262.34(e)

Activity: **ACTIVE**

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 04/07/2010

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Violation Code: 6HV2651

Violation: UPDATED SAFETY INFORM. NOT MAINTAINED

Violation Citation: Owner/operator of a stationary source failed to compile and maintain

up to date safety information to ensure process is designed in compliance with recognized and generally accepted good engineering

practices. 2755.1

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV1008

Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD

Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD.

68.1113(c)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV0304

Violation: WASTE DETERMINATION NOT MADE

Violation Citation: Generator of a waste has not determined if that waste is a hazardous

waste as defined by law. CCR 66262.11 & 66260.200(c)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 11/01/2011

 Violation Code:
 6HV1603

Violation: NO 2ND CONTAINMENT FOR HW TANK

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 11/01/2011

 Violation Code:
 6HV1605

Violation: NO DAILY TANK INSPECTION/LOG

Violation Citation: Failed to inspect and/or document daily HW tank system inspections.

66265.195 (c)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 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: ACTIVE

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 11/01/2011

Direction Distance Elevation

ation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Violation Code: 6HV1742

Violation: NO PE WRITTEN ASSESSMENT OBTAINED

Violation Citation: Facility has not obtained a written statement/assessment signed by an

independent, California registered professional engineer (PE) certifying that tank system and secondary containment for tanks or containers meet all the design requirements of Title 22 CCR. For the

CA tier, treatment in "containers" does not require a written

statement signed by a PE for the containment area. {66264.175(c); & 66265.190 through 66265.202; PBR: 67450.3(c)(9) & (12); For CA

25200.3(c)(4)}

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV1601

Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 11/01/2011

 Violation Code:
 6HV1601

Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV1603

Violation: NO 2ND CONTAINMENT FOR HW TANK

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV1018

Violation: INVENTORY INCOMPLETE/NOT AMENDED

Violation Citation: Inventory not amended for 100% increase of hazardous material onsite

or inventory is incomplete. 25509, 25510

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV0224

Violation: MISMANAGED EMPTY CONTAINERS >5GALS.

Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or

manage it within one year. 66261.7(e) & (f).

Activity: ACTIVE

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 04/07/2010 Violation Code: 6HV1706

Violation: WRONG TIER FOR WASTE ID/TYPE/TREATMT.

Violation Citation: Waste identification, waste type, and/or treatment method not

correct for the tier(s) indicated. {CE: 25201.5; CEL: 25201.14(a);

CA: 25200.3; PBR: 67450.3(c)(4) and 67450.11}

ACTIVE Activity:

Facility Id: 113941 Business Type: 6HK52

EPA Id Number: CAT000618900 APN: 210-010-39-00 Last HMMD Inspection: 11/01/2011 Permit Status: **OPEN** Permit Expiration: 06/30/2013

Facility Owner: CABRILLO POWER I LLC Facility Address: 4600 CARLSBAD BL

Facility City: **CARLSBAD** Facility State: CA Facility Zip: 92008-4301 UST Owner: SDG&ECO

Handle Regulated Hazmat:

Own Or Operate UST: Not reported

Subject To APSA: Generate Haz Waste: Υ Treat Haz Waste: Υ

Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 113941 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 113941 SINGLE WALL Tank Type: Additional Id: 1101 Capacity Gallons: 10000

UST Contents: DIESEL Other Content Info: DIESEL Reg Status: **REMOVED** 1988-11-02 00:00:00 Remove Close Date:

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code:

NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING **UST Monitor Method:**

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 113941 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 113941 Tank Type: DOUBLE WALL

Additional Id: 1102 Capacity Gallons: 600 **UST Contents: LEADED** Other Content Info: **LEADED** Reg Status: **REMOVED**

Direction Distance

Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Remove Close Date: 1988-11-02 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.

UST Name: UNDERGROUND TANK 113941 T003

Last Update: 2012-11-02 14:17:38

Permit Number: 113941 SINGLE WALL Tank Type:

Additional Id: 1103 Capacity Gallons: 1000 **UST Contents:** Not reported Other Content Info: WASTE OIL Reg Status: CLOSED

Remove Close Date: 1988-11-02 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.

UST Name: UNDERGROUND TANK 113941 T004

Last Update: 2012-11-02 14:17:38

Permit Number: 113941 Tank Type: SINGLE WALL

Additional Id: 1104 Capacity Gallons: 1000 **UST Contents:** DIESEL Other Content Info: DIESEL REMOVED Reg Status:

1988-11-02 00:00:00 Remove Close Date:

Year Installed: Not reported Not reported Pipe Type: 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 113941 T012

Last Update: 2012-11-02 14:17:38

Permit Number: 113941 Tank Type:

DOUBLE WALL Additional Id: 005

Capacity Gallons: 500 **UST Contents:** Not reported Other Content Info: WASTE OIL REMOVED Reg Status:

Remove Close Date: 1995-04-04 00:00:00 1986-01-01 00:00:00 Year Installed:

Pipe Type: Not reported Delivery System: Not reported Monitor Code: Not reported **UST Monitor Method:** Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Active Permits:

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 8002-05-9

Name: DTE 797, LUBRICATING OIL

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 25155-23-1

Name: FRYQUEL EHC FIRE RESIST ELECTRO-HYDRAULIC

Other Information: FLUID 50% TRIXYLENYL PHOSPHATE

Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: MOBIL SHC 634 Other Information: Not reported Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 64740-48-9

Name: NAPHTHOL SPIRITS
Other Information: BREAKTHROUGH, RI350

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7727-37-9

Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: CRYOGENIC

Facility Id: 113941 Update Date: 11/02/2012

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Case Number: 68553-00-4
Name: OILS, #6 FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 331 OFF-SPEC, AGED, SURPLUS ORGANICS

Other Information: HYDROCARBONS, LIMONENE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 107-21-1

Name: ANTIFREEZE (ETHYLENE GLYCOL)

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: **BREEZE** Other Information: Not reported Material Waste: Material Hazardous Categories 1: REACTIVE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: NALCO TRAC107 Other Information: Not reported Material Waste: Material Hazardous Categories 1: **REACTIVE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 . Case Number: Not reported Name: NALCO TRAC108 Other Information: Not reported Material Waste: Material Hazardous Categories 1: REACTIVE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7440-37-1

Name: ARGON COMPRESSED GAS

Other Information: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Material Waste: Material

PRESSURE RELEASE Hazardous Categories 1:

Hazardous Categories 2: **ACUTE**

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 8042-47-5 Name: HYDRAULIC OIL

Other Information: TEXACO RANDO HYDRUALIC OIL AZ

Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: MOBIL EAL 224H Other Information: Not reported Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

MOBILGEAR 600 XP 680 Name:

Other Information: Not reported Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 10102-43-9 NITRIC OXIDE Name: Other Information: Not reported Material Waste: Material

PRESSURE RELEASE Hazardous Categories 1:

Hazardous Categories 2: ACUTE

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported NYVAC FR 200D Name: MOBIL NYVAC FR 200D Other Information:

Material Waste: Material Hazardous Categories 1: **FIRE**

Hazardous Categories 2: Not reported

Facility Id: 113941 11/02/2012 Update Date: Case Number: 7782-44-7

OXYGEN, COMPRESSED GAS Name:

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7681-52-9

Name: SODIUM HYPOCHLORITE 12%

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N

Other Information: CHLORIDE LAB WASTE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)

Other Information: DBRS W/SLFRC ACD,SPL CLN

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)*

Other Information: RESIN WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported AER-O-FOAM Name: Other Information: Not reported Material Waste: Material Hazardous Categories 1: **REACTIVE** Hazardous Categories 2: Not reported

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Case Number:
 132259-10-0

 Name:
 AIR, COMPRESSED

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 497-18-7

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

Name: ELIMINIX OXYGEN SCAVENGER (CARBOHYDRAZIDE MIXTURE)

Other Information: Not reported Material Waste: Material ACUTE Hazardous Categories 1: Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 128-04-1 Name: HI-CHEM HMP Other Information: Not reported Material Waste: Material Hazardous Categories 1: **ACUTE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

WASTE 141 OFF-SPEC, AGED, SURPL INORGANICS Name:

SODIUM HYDROXIDE Other Information:

Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 151 ASBESTOS CONTAINING WASTE

Other Information: **ASBESTOS** Waste Material Waste: Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

WASTE 223 UNSPEC OIL CONTAINING WASTE Name:

Other Information: USED OIL W/WATER

Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

WASTE 331 OFF-SPEC, AGED, SURPLUS ORGANICS Name:

Other Information: **ANTIFREEZE** Material Waste: Waste Hazardous Categories 1: Not reported Not reported Hazardous Categories 2:

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

WASTE 352 ORGANIC SOLIDS (OTHER)* Name:

Other Information: FLUOROSILICONE PASTE

Material Waste: Waste

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7647-01-0

Name: HYDROCHLORIC ACID 74%

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: MOBILUBE HD PLUS 80W-90

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7664-93-9

Name: SULFURIC ACID 98%

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

113941 Facility Id: Update Date: 11/02/2012 Case Number: **MIXTURE** Name: VITEC3000 Other Information: VISTA VITEC Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG

Other Information: OILY WATER W/SURFACTANTS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)

Other Information: BLAST GRIT W/CV, PB, CD

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Direction Distance Elevation

vation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 212 OXYGENATED SOLVENTS

Other Information: PAINT CLEANER WASTE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)

Other Information: OILY DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER) OTHER

Other Information: WASTE PAINT (212)

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 7664-41-7

Name: AMMONIUM HYDROXIDE
Other Information: AQUEOUS AMMONIA, 19%

Material Waste: Material

Hazardous Categories 1: EXTREMELY HAZARDOUS

Hazardous Categories 2: Not reported

Facility Id: 113941
Update Date: 11/02/2012
Case Number: Not reported
Name: ARGONITE
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 124-38-9

Name: CARBON DIOXIDE, COMPRESSED GAS

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Direction Distance Elevation

evation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Name: CHEMGUARD 3% FLUOROPROTEIN
Other Information: CHEMGUARD FLUOROPROTEIN

Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 10028-22-5

Name: FERRIC SULFATE, SOLUTION

Other Information: IRON SULFATE, IRON (III) SULFATE, FERRIC TRISULFATE

Material Waste: Material Hazardous Categories 1: REACTIVE Hazardous Categories 2: ACUTE

Facility Id: 113941
Update Date: 11/02/2012
Case Number: 7440-59-7
Name: HELIUM GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: MIXTURE

Name: LUBRICATING OIL
Other Information: TEXACO MULTIGEAR OIL

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: MOLYCOTE L-2110 VG100

Other Information: Not reported Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 108-91-8

Name: NALCO 356 NEUTRALIZING AMINE

Other Information: NALCO 356
Material Waste: Material

Hazardous Categories 1: EXTREMELY HAZARDOUS

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: URSA SUPER PLUS SAE 30W

Other Information: Not reported Material Waste: Material

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

Hazardous Categories 1: ACUTE Not reported Hazardous Categories 2:

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

WASTE 513 EMPTY CONTNR(LESS THAN 30 GAL) Name:

EMPTY CONTAINERS (513) Other Information:

Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 630-08-0

Name: CARBON MONOXIDE, COMPRESSED GAS

Other Information: Not reported Material Waste: Material

PRESSURE RELEASE Hazardous Categories 1:

Hazardous Categories 2: **ACUTE**

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 68334-30-5 Name: DIESEL FUEL #2 Other Information: Not reported Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

113941 Facility Id: Update Date: 11/02/2012 Case Number: Not reported Name: **MILLENNIUM** Other Information: Not reported Material Material Waste: Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported Name: NALCO TRAC 106 Other Information: Not reported Material Material Waste: Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 1310-73-2

SODIUM HYDROXIDE 50% SOLUTION Name:

CAUSTIC SODA SOLUTION Other Information:

Material Waste: Material Hazardous Categories 1: **REACTIVE** Hazardous Categories 2: ACUTE

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

Facility Id: 113941 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)

Other Information: **DEBRIS** Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 113941 11/02/2012 Update Date: Case Number: Not reported

WASTE 551 LABORATORY WASTE CHEMICALS Name:

Other Information: MIXED & LAB WASTE

Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 Case Number: 74-86-2

Name: ACETYLENE, COMPRESSED GAS

Other Information: Not reported Material Waste: Material

PRESSURE RELEASE Hazardous Categories 1:

Hazardous Categories 2: Not reported

Facility Id: 113941 Update Date: 11/02/2012 10024-97-2 Case Number:

NITROGEN OXIDE, COMPRESSED GAS Name:

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Not reported Hazardous Categories 2:

Facility Id: 113941 Update Date: 11/02/2012 8042-47-5 Case Number:

SHELL DIALA MINERAL OIL Name: Other Information: TRANSFORMER OIL

Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

113941 Facility Id: Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 221 WASTE OIL & MIXED OIL

Other Information: USED OIL Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Violations Active Permits:

Facility Id: 113941 Update Date: 11/02/2012

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Inspection Date: 11/29/2005 Violation Code: 6HV1745

Violation: ANNUAL WASTE MINIM. CERT. INADEQ/MISSING Violation Citation: Annual waste minimization certification not properly

completed/submitted to CUPA (must outline waste minimization program -as economically feasible- and state that treatment is in accordance with waste minimization program). {CA units: 25202.9 & 25200.3(c)(2);

PBR 66262.45(c)}

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV2668

Violation: DID NOT COMPLY W/AUDIT REQUIREMENTS

Violation Citation: Owner/operator of a stationary source failed to meet compliance audit

requirements. 2755.6

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV1605

Violation: NO DAILY TANK INSPECTION/LOG

Violation Citation: Failed to inspect and/or document daily HW tank system inspections.

66265.195 (c)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV1009

Violation: HMBP: INADEQUATE SITE MAP

Violation Citation: Business Plan does not have a site map which provides sufficient or

complete information for emergency response agencies. HSC 25509(a)(5)

& 25505(a)(2)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 11/29/2005

 Violation Code:
 6HV1003

Violation: HMBP NOT AMENDED W/IN 30 DAYS

Violation Citation: Business plan was not amended within 30 days for a 100% quantity

increase, new disclosable materials or a change in business info. HSC

25505

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV2658

Violation: OPS PROCED. NOT UPDATED FOR MAJOR CHANGE
Violation Citation: Owner/operator of a stationary source failed to update operating

procedures when a major changed occurred, prior to startup of the

changed process. 2755.3(c)

Activity: ACTIVE

Direction Distance Elevation

evation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV0217

Violation: HAZMAT CON. NOT REPACKAGED WI 96 HRS.

Violation Citation: Failed to repackage damaged/deteriorated hazardous material container

within 96 hours. 25124(b)(3)(B) & 66262.34(f)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 11/01/2011

 Violation Code:
 6HV0221

Violation: DID NOT COMPLY W/SATELLITE REGS.

Violation Citation: Failed to comply with satellite regulations. 66262.34(e)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV2651

Violation: UPDATED SAFETY INFORM. NOT MAINTAINED

Violation Citation: Owner/operator of a stationary source failed to compile and maintain

up to date safety information to ensure process is designed in

compliance with recognized and generally accepted good engineering

practices. 2755.1

Activity: ACTIVE

Facility Id: 113941
Update Date: 11/02/2012

Update Date: 11/02/2012 Inspection Date: 04/07/2010 Violation Code: 6HV1008

Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD

Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD.

68.1113(c)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV0304

Violation: WASTE DETERMINATION NOT MADE

Violation Citation: Generator of a waste has not determined if that waste is a hazardous

waste as defined by law. CCR 66262.11 & 66260.200(c)

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 11/01/2011

 Violation Code:
 6HV1603

Violation: NO 2ND CONTAINMENT FOR HW TANK

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Activity: ACTIVE

Facility Id: 113941 Update Date: 11/02/2012

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

S106061146

Inspection Date: 11/01/2011 Violation Code: 6HV1605

NO DAILY TANK INSPECTION/LOG Violation:

Violation Citation: Failed to inspect and/or document daily HW tank system inspections.

66265.195 (c)

Activity: **ACTIVE**

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 04/07/2010 Violation Code: 6HV0202

WASTE CONTAINER W/O LABELS Violation:

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: **ACTIVE**

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 11/01/2011 Violation Code: 6HV1742

Violation: NO PE WRITTEN ASSESSMENT OBTAINED

Violation Citation: Facility has not obtained a written statement/assessment signed by an

> independent, California registered professional engineer (PE) certifying that tank system and secondary containment for tanks or containers meet all the design requirements of Title 22 CCR. For the

CA tier, treatment in "containers" does not require a written statement signed by a PE for the containment area. {66264.175(c); & 66265.190 through 66265.202; PBR: 67450.3(c)(9) & (12); For CA

25200.3(c)(4)}

ACTIVE Activity:

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 04/07/2010 Violation Code: 6HV1601

HAZWASTE TANKS W/O P.E. ASSESSMENT Violation:

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: **ACTIVE**

113941 Facility Id: Update Date: 11/02/2012 Inspection Date: 11/01/2011 Violation Code: 6HV1601

HAZWASTE TANKS W/O P.E. ASSESSMENT Violation:

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: **ACTIVE**

Facility Id: 113941 Update Date: 11/02/2012 Inspection Date: 04/07/2010 Violation Code: 6HV1603

Violation: NO 2ND CONTAINMENT FOR HW TANK

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

S106061146

EDR ID Number

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV1018

Violation: INVENTORY INCOMPLETE/NOT AMENDED

Violation Citation: Inventory not amended for 100% increase of hazardous material onsite

or inventory is incomplete. 25509, 25510

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV0224

Violation: MISMANAGED EMPTY CONTAINERS >5GALS.

Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or

manage it within one year. 66261.7(e) & (f).

Activity: ACTIVE

 Facility Id:
 113941

 Update Date:
 11/02/2012

 Inspection Date:
 04/07/2010

 Violation Code:
 6HV1706

Violation: WRONG TIER FOR WASTE ID/TYPE/TREATMT.

Violation Citation: Waste identification, waste type, and/or treatment method not

correct for the tier(s) indicated. {CE: 25201.5; CEL: 25201.14(a);

CA: 25200.3; PBR: 67450.3(c)(4) and 67450.11}

Activity: ACTIVE

A43 ENCINA PP WDS \$105255732
Target 4600 CARLSBAD BLVD N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 43 of 60 in cluster A

Actual: CA WDS:

26 ft. Facility ID: San Diego 000000092

Facility Type: Industrial - Facility that treats and/or disposes of liquid or

semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water

pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is

under Waste Discharge Requirements.

NPDES Number: CA0001350 The 1st 2 characters designate the state. The remaining 7

are assigned by the Regional Board

Subregion: 9

Facility Telephone: 7602684026 Facility Contact: SHEILA HENIKA

Agency Name: CABRILLO POWER 1 LLC
Agency Address: 4600 CARLSBAD BLVD
Agency City,St,Zip: CARLSBAD 92008
Agency Contact: GREGORY HUGHES

Agency Telephone: Not reported Agency Type: Private

Direction Distance

Elevation **EPA ID Number** Site Database(s)

ENCINA PP (Continued) S105255732

SIC Code: 4911 SIC Code 2: Not reported

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Primary Waste: CONTAC Waste Type2: D

Waste2: Cooling Water: Contact

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

> water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Process Waste (Waste produced as part of the industrial/manufacturing

process)

Secondary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Design Flow: 860 Baseline Flow: 434

Reclamation: No reclamation requirements associated with this facility.

POTW: The facility is not a POTW.

Treat To Water: Major Threat to Water Quality. A violation could render unusable a

> ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to

toxic substances.

Category A - Any major NPDES facility, any non-NPDES facility Complexity:

(particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility

(particularly those with toxicwastes) with numerous discharge points,

leak detection systems or ground water monitoring wells.

SDG&E, ENCINA POWER PLANT A44 **Target** 4600 CARLSBAD BLVD. **Property**

S100676404 **Toxic Pits CHMIRS** N/A CARLSBAD, CA 92008

Site 44 of 60 in cluster A

Actual: 26 ft.

Toxic Pits:

Region: 09 Task #:

Owner: SAN DIEGO GAS AND ELECTRIC CO.

1/2 Mi Limit: Num. of Pits: 6 Cease Discharge Due: 06/30/91 Cease Discharge Complete: 06/30/91 Closure Due: 07/01/92 **Closure Completed:** 05/31/92 CLOSED

Hydro Geological Assessment Report Due:

Final Hydro Geological Assessment Review Completed: 10/16/87

CHMIRS:

EDR ID Number

Direction Distance Elevation

Site Database(s) EPA ID Number

SDG&E, ENCINA POWER PLANT (Continued)

S100676404

EDR ID Number

OES Incident Number: 06-1173 OES notification: 02/24/2006 OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported Not reported Date Completed: Not reported Property Use: Agency Id Number: Not reported Not reported Agency Incident Number: Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Estimated Temperature: Not reported **Property Management:** Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?:
Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Not reported Vehicle Id Number: CA/DOT/PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Waterway Involved: Not reported Waterway: Not reported Not reported Spill Site: Cleanup By: Contractor Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2006 Agency: Cabrillo Power

Agency. Cabillo Fower

Incident Date: 2/24/2006 12:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes

Site Type: Utilities/Substation
E Date: Not reported
Substance: #6 Oil
Quantity Released: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDG&E, ENCINA POWER PLANT (Continued)

S100676404

BBLS: 0 0 Cups: CUFT: 0 Gallons: 50 Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 Sheen: 0 Tons: 0 Unknown: 0 Evacuations: 0 Number of Injuries: 0

Number of Fatalities:

Description: Mechanical seal on a pump failed creating the release.

0

OES Incident Number: 01-1685 03/21/2001 OES notification: OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported **Date Completed:** Not reported Not reported Property Use: Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Estimated Temperature: Not reported Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?: Not reported Not reported Resp Agncy Personel # Of Decontaminated: Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Not reported Report Date: Comments: Not reported Facility Telephone: Not reported

Waterway Involved: No

Waterway: Not reported

Distance

Elevation Site Database(s) EPA ID Number

SDG&E, ENCINA POWER PLANT (Continued)

S100676404

EDR ID Number

Spill Site: Not reported Reporting Party Cleanup By: Containment: Not reported What Happened: Not reported Type: Not reported Not reported Measure: Not reported Other: Date/Time: Not reported 2001 Year:

Agency: San Diego Gas and Electric Incident Date: 3/21/200112:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Not reported

Amount: Not reported Contained: Yes

Site Type: Utilities/Substation
E Date: Not reported
Substance: #6 residual fuel oil

BBLS: 0 Cups: CUFT: 0 Gallons: 100 Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 Sheen: 0 Tons: 0

Quantity Released:

Unknown: 0.000000
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

Description: A leak in supply line from storage tank.

OES Incident Number: 01-2970 OES notification: 05/22/2001 OES Date: Not reported OES Time: Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Estimated Temperature: Not reported Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?: Not reported

Distance

Elevation Site Database(s) EPA ID Number

SDG&E, ENCINA POWER PLANT (Continued)

S100676404

EDR ID Number

Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Responding Agency Personel # Of Fatalities:
Others Number Of Decontaminated:
Others Number Of Injuries:
Others Number Of Fatalities:
Not reported
Not reported
Not reported
Not reported
Not reported

Not reported Vehicle Make/year: Not reported Vehicle License Number: Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Facility Telephone: Not reported Waterway Involved: No

Waterway Involved: No
Waterway: Not reported
Spill Site: Not reported

Spill Site: Not reported Contractor Cleanup By: Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2001 Agency: Cabrillo 1 LLC

Incident Date: 5/22/200112:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes

Site Type: Utilities/Substation
E Date: Not reported
Substance: Fuel Oil
Quantity Released: Not reported

BBLS: Cups: 0 CUFT: 0 Gallons: 0 Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 Sheen: 0 Tons: 0 0.000000 Unknown: Evacuations: 0 Number of Injuries: 0 Number of Fatalities: 0

Description: Maintenance was repairing a line when a clot let loose, spilling the

oil.

OES Incident Number: 01-2970
OES notification: 05/22/2001

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDG&E, ENCINA POWER PLANT (Continued)

S100676404

OES Date: Not reported **OES Time:** Not reported Not reported Incident Date: Not reported **Date Completed:** Property Use: Not reported Not reported Agency Id Number: Not reported Agency Incident Number: Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Estimated Temperature: Not reported Property Management: Not reported Special Studies 1: Not reported Special Studies 2: Not reported Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?: Not reported Resp Agncy Personel # Of Decontaminated: Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported

Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported Not reported CA/DOT/PUC/ICC Number: Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Comments: Not reported Not reported Facility Telephone: Waterway Involved: No

Waterway: Not reported Spill Site: Not reported Cleanup By: Contractor Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2001 Agency: Cabrillo 1 LLC

Incident Date: 5/22/200112:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes

Site Type: Utilities/Substation E Date: Not reported Substance: Fuel Oil Quantity Released: Not reported

BBLS: 2 0 Cups:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDG&E, ENCINA POWER PLANT (Continued)

S100676404

CUFT: 0 0 Gallons: Grams: 0 Pounds: 0 Liters: 0 Ounces: 0 Pints: 0 Quarts: 0 Sheen: 0 Tons: 0 0.000000 Unknown: Evacuations: 0 Number of Injuries: 0

Description: Maintenance was repairing a line when a clot let loose, spilling the

97-1325

0

CHMIRS S105651588 A45 N/A

Target ENCINA POWER PLANT, 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 45 of 60 in cluster A

Number of Fatalities:

Actual: 26 ft.

CHMIRS: **OES Incident Number:**

> OES notification: 04/02/1997 OES Date: Not reported OES Time: Not reported Incident Date: Not reported Date Completed: Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Not reported Surrounding Area: Estimated Temperature: Not reported Not reported Property Management: Special Studies 1: Not reported Not reported Special Studies 2: Special Studies 3: Not reported Special Studies 4: Not reported Special Studies 5: Not reported Special Studies 6: Not reported

More Than Two Substances Involved?: Not reported Resp Agncy Personel # Of Decontaminated: Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported

Vehicle Make/year: Not reported Not reported Vehicle License Number: Vehicle State: Not reported Vehicle Id Number: Not reported CA/DOT/PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

(Continued) S105651588

Report Date: Not reported Not reported Comments: Not reported Facility Telephone:

Waterway Involved: No

Waterway: Not reported Spill Site: Not reported

Foss Environmental Services Cleanup By:

Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported Year: 1997

San Diego Gas & Electric Agency: Incident Date: 4/2/199712:00:00 AM

San Diego County Health Services Dept. Admin Agency:

Amount: Not reported

Contained: Yes

Utilities/Substation Site Type: E Date: Not reported Substance: Residual Fuel Oil Quantity Released: Not reported

BBLS: 0 Cups: 0 CUFT: 0 Gallons: 100 Grams: 0 Pounds: 0 Liters: 0 Ounces: O Pints: 0 Quarts: 0 Sheen: 0 0 Tons: 0 Unknown: Evacuations: 0 Number of Injuries: Number of Fatalities:

Description: Pinhole leak in above ground 4 fuel line servicing a boiler. Pumps

shut down immediately, boomed area, preventing any runoff, using viscuine cover, secondary boom around storm drain. All contained

within SDGE property.

A46 **AGUA HEDIONDA LAGOON Target 4600 CARLSBAD BLVD Property**

CARLSBAD, CA 92008

Site 46 of 60 in cluster A

CA WDS: Actual:

San Diego 000000093 26 ft. Facility ID:

Other - Does not fall into the category of Municipal/Domestic, Facility Type:

Industrial, Agricultural or Solid Waste (Class I, II or III)

Facility Status: Active - Any facility with a continuous or seasonal discharge that is

under Waste Discharge Requirements.

NPDES Number: Not reported

Subregion: 9 WDS

S105257113

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

AGUA HEDIONDA LAGOON (Continued)

S105257113

EDR ID Number

Facility Telephone: Not reported STAN MARKS

Agency Name: CABRILLO POWER 1 LLC
Agency Address: 4600 CARLSBAD BLVD.
Agency City,St,Zip: CARLSBAD 92008
Agency Contact: GREGORY J. HUGHES

Agency Telephone: 7602684011
Agency Type: Private
SIC Code: 1629
SIC Code 2: 4911

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Primary Waste: DREDGS
Waste Type2: Not reported
Waste2: Dredging Spoils

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported Secondary Waste Type: Not reported

Design Flow: 0
Baseline Flow: 0

Reclamation: No reclamation requirements associated with this facility.

POTW: The POTW Does not have an approved pretreatment program. Some POTWs

may have local pretreatment programs that have not been approved by

the regional board and/or EPA.

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order

should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to

represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as

cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as

dairy waste ponds.

A47 SAN DIEGO GAS & ELEC ENCINA PWR PLNT

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 47 of 60 in cluster A

Actual: HIST FTTS INSP:

26 ft. Inspection Number: 1987020503379 5

Region: 09

Inspection Date: Not reported Inspector: SCHMIT Yes

Investigation Type: Section 6 PCB Federal Conducted

Investigation Reason: Neutral Scheme, Region

Legislation Code: TSCA Facility Function: User

1008188759

N/A

HIST FTTS

Direction Distance

Elevation Site Database(s) EPA ID Number

A48 ENCINA POWER STATION TSCA 1007088828
Target 4600 CARLSBAD BLVD. N/A

Property CARLSBAD, CA 92008

Site 48 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional TSCA detail in the EDR Site Report.

 A49
 CABRILLO POWER I LLC
 NPDES
 1005452042

 Target
 4600 CARLSBAD BL
 SLIC
 N/A

Property CARLSBAD, CA 92008 AST ENF

Site 49 of 60 in cluster A San Diego Co. HMMD

Actual: SAN DIEGO CO. SAM

NPDES:

Npdes Number: CAS000002 Facility Status: Terminated

 Agency Id:
 0

 Region:
 9

 Regulatory Measure Id:
 402904

Order No: 2009-0009-DWQ

Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 9 37C357876
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/13/2010

Expiration Date Of Regulatory Measure: 04/13/2010

Expiration Date Of Regulatory Measure: Not reported 04/29/2014

Discharge Name: San Diego Gas & Electric
Discharge Address: 8315 Century Park Ct CP21G

Discharge City:

Discharge State:

Discharge Zip:

San Diego

California

92123

 Npdes Number:
 CA0001350

 Facility Status:
 Active

 Agency Id:
 7164

 Region:
 9

 Regulatory Measure Id:
 308204

 Order No:
 R9-2006-0043

Regulatory Measure Type: NPDES Permits Place Id: 222755

WDID: 9 00000092
Program Type: NPDINDLRG
Adoption Date Of Regulatory Measure: 08/16/2006
Effective Date Of Regulatory Measure: 10/01/2006
Expiration Date Of Regulatory Measure: 10/01/2015
Termination Date Of Regulatory Measure: Not reported

Discharge Name: Cabrillo Power I LLC
Discharge Address: 4600 Carlsbad Boulevard

Discharge City: Carlsbad
Discharge State: CA
Discharge Zip: 92008

Npdes Number: CA0109223 Facility Status: Active **EDR ID Number**

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Agency Id: 522151 Region: 9 Regulatory Measure Id: 308381 Order No: R9-2006-0065 Regulatory Measure Type: **NPDES Permits** Place Id: 640063 WDID: 9 000001429 Program Type: **NPDNONMUNIPRCS**

Adoption Date Of Regulatory Measure: 08/16/2006
Effective Date Of Regulatory Measure: 10/01/2006
Expiration Date Of Regulatory Measure: 10/01/2011
Termination Date Of Regulatory Measure: Not reported

Discharge Name: Poseidon Resources (Channelside) LLC

Discharge Address: 5780 Fleet Street 140

Discharge City: Carlsbad
Discharge State: CA
Discharge Zip: 92008

CAS000001 Npdes Number: Facility Status: Active Agency Id: 0 Region: 9 Regulatory Measure Id: 218683 Order No: 97-03-DWQ Regulatory Measure Type: Enrollee Place Id: Not reported WDID: 9 371015020 Program Type: Industrial Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: 03/23/1999 Expiration Date Of Regulatory Measure: Not reported Termination Date Of Regulatory Measure: Not reported Discharge Name: Cabrillo Power LLC Discharge Address: 4600 Carlsbad Blvd

Discharge City: Carlsbad
Discharge State: California
Discharge Zip: 92008

SLIC:

Region: STATE

Facility Status: Completed - Case Closed

Status Date: 10/28/1996 Global Id: 70608143454

Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number:H13941-001Latitude:33.137904Longitude:-117.338642

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: Soil

Potential Contaminants of Concern: Heating Oil / Fuel Oil

Site History: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

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

Region: STATE

Facility Status: Completed - Case Closed

 Status Date:
 03/18/2005

 Global Id:
 T0608160564

Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number:H13941-003Latitude:33.137904Longitude:-117.338642

Case Type: Cleanup Program Site

Case Worker: NS

Local Agency: SAN DIEGO COUNTY LOP

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:

Region: STATE

Facility Status: Open - Site Assessment

 Status Date:
 06/28/2011

 Global Id:
 T1000003098

Lead Agency: SAN DIEGO COUNTY LOP

 Lead Agency Case Number:
 H13941-005

 Latitude:
 33.1371738675302

 Longitude:
 -117.33692407608

 Case Type:
 Cleanup Program Site

Case Worker: NS

Local Agency: SAN DIEGO COUNTY LOP

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

Site History: This a new VAP Case. This section will be updated as data is received.

Not reported

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

Region: STATE

Facility Status: Open - Site Assessment

 Status Date:
 11/26/2007

 Global Id:
 SLT19726861

Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number:H13941-004Latitude:33.137904Longitude:-117.338642

Case Type: Cleanup Program Site

Case Worker: NS

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

Direction Distance

Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Site History: VAP case

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

Region: STATE

Facility Status: Completed - Case Closed

Status Date: 10/28/1996 Global Id: T0608133917

Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number: H13941-002 Latitude: 33.137904 Longitude: -117.338642

Case Type: Cleanup Program Site

Case Worker:

SAN DIEGO COUNTY LOP Local Agency: RB Case Number:

Not reported

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:

AST:

NRG Owner: Total Gallons: 30082665 Certified Unified Program Agencies: San Diego

ENF:

9 Region: Facility Id: 222755

Agency Name: Cabrillo Power I LLC

Place Type: Utility Place Subtype: Power Plant Facility Type: Industrial

Agency Type: Privately-Owned Business

Of Agencies:

33.137813999999 Place Latitude: -117.338593 Place Longitude: SIC Code 1: 4911

SIC Desc 1: **Electric Services** SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places: Source Of Facility: Reg Meas 860.299999 Design Flow:

Threat To Water Quality: Complexity: Α

MAP FINDINGS Map ID Direction

Distance

Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

X - Facility is not a POTW Pretreatment: Cooling water: Contact Facility Waste Type: Facility Waste Type 2: Process waste, NEC

Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported **NPDINDLRG** Program: Program Category1: **NPDESWW** Program Category2: **NPDESWW**

Of Programs:

WDID: 9 000000092 Reg Measure Id: 308204 **NPDES Permits** Reg Measure Type:

Region:

Order #: R9-2006-0043 Npdes# CA#: CA0001350 Major-Minor: Major Npdes Type: OTH N - No Reclamation: Dredge Fill Fee: Not reported

301H:

Application Fee Amt Received: Not reported Status: Active Status Date: 01/14/2014 Effective Date: 10/01/2006 Expiration/Review Date: 10/01/2015 Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported

Status Enrollee: Individual/General:

Fee Code: 66 - NPDES Based on Flow

Passive Direction/Voice: Enforcement Id(EID): 390506 Region:

Order / Resolution Number: Not reported

Staff Enforcement Letter Enforcement Action Type:

Effective Date: Not reported Adoption/Issuance Date: Not reported Achieve Date: Not reported Not reported Termination Date: Not reported ACL Issuance Date: EPL Issuance Date: Not reported

Status: Draft

SEL for Cabrillo Power I LLC Title:

Description: SEL for monitoring report review 4/12-4/13. Two violations

identified.

NPDINDLRG Program: Latest Milestone Completion Date: Not reported

Of Programs1: **Total Assessment Amount:** 0 Initial Assessed Amount: 0 Liability \$ Amount: 0 Project \$ Amount: 0

Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

 Region:
 9

 Facility Id:
 222755

Agency Name: Cabrillo Power I LLC

Place Type: Utility
Place Subtype: Power Plant
Facility Type: Industrial

Agency Type: Privately-Owned Business

Of Agencies:

 Place Latitude:
 33.137813999999

 Place Longitude:
 -117.338593

 SIC Code 1:
 4911

SIC Desc 1: **Electric Services** SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported Not reported NAICS Code 3: NAICS Desc 3: Not reported # Of Places: Source Of Facility: Reg Meas 860.299999 Design Flow:

Threat To Water Quality: 1
Complexity: A

Pretreatment: X - Facility is not a POTW
Facility Waste Type: Cooling water: Contact
Facility Waste Type 2: Process waste, NEC

Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: NPDINDLRG Program Category1: NPDESWW Program Category2: NPDESWW

Of Programs: 1

WDID: 9 00000092 Reg Measure Id: 308204

Reg Measure Type: NPDES Permits

Region: 9

Order #: R9-2006-0043 CA0001350 Npdes# CA#: Major-Minor: Major Npdes Type: OTH Reclamation: N - No Dredge Fill Fee: Not reported 301H: Application Fee Amt Received: Not reported Status: Active

Status: Active
Status Date: 01/14/2014
Effective Date: 10/01/2006
Expiration/Review Date: 10/01/2015
Termination Date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

1005452042

WDR Review - Amend: Not reported Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: Ν Individual/General:

Fee Code: 66 - NPDES Based on Flow

Direction/Voice: Passive 380179 Enforcement Id(EID): Region:

R9-2006-0043 Order / Resolution Number:

Enforcement Action Type: Staff Enforcement Letter

Effective Date: 08/18/2011 Adoption/Issuance Date: 08/18/2011 Achieve Date: Not reported Termination Date: 08/18/2011 ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Title: 8/18/11 2007-2011 SEL for Order R9-2006-0043 Encina Power Plant Description: 8/18/11 2007-2011 SEL for order R9-2006-0043 1.The required hold time for the Turbiduty analysis (EPA Method 180.1) on the Discharge sample taken February 22, 2010, was not met. This is a violation of the Monitoring and Reporting Program

> Section I.C. **NPDINDLRG**

Program: Latest Milestone Completion Date: Not reported

Of Programs1: **Total Assessment Amount:** 0 Initial Assessed Amount: 0 Liability \$ Amount: 0 Project \$ Amount: 0 Liability \$ Paid: 0 Project \$ Completed: n Total \$ Paid/Completed Amount: 0

Region: 9 Facility Id: 222755

Cabrillo Power I LLC Agency Name: Place Type: Utility Power Plant Place Subtype:

Facility Type: Industrial Agency Type: **Privately-Owned Business**

Of Agencies:

Place Latitude: 33.137813999999 Place Longitude: -117.338593 SIC Code 1: 4911

SIC Desc 1: **Electric Services** SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported

Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: Reg Meas
Design Flow: 860.299999

Threat To Water Quality: 1
Complexity: A

Pretreatment: X - Facility is not a POTW
Facility Waste Type: Cooling water: Contact
Facility Waste Type 2: Process waste, NEC

Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: NPDESWW Program Category1: NPDESWW Program Category2: NPDESWW

Of Programs:

WDID: 9 000000092 Reg Measure Id: 148100

Reg Measure Type: NPDES Permits

Region:

 Order #:
 R9-2000-0003

 Npdes# CA#:
 CA0001350

 Major-Minor:
 Major

 Npdes Type:
 OTH

 Reclamation:
 N - No

 Dredge Fill Fee:
 Not reported

301H: N

Application Fee Amt Received: Not reported Status: Historical Status Date: 09/30/2006 Effective Date: 02/09/2000 Expiration/Review Date: 09/30/2006 **Termination Date:** 09/30/2006 Not reported WDR Review - Amend: WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: N Individual/General: I

Fee Code: 66 - NPDES Based on Flow

Direction/Voice: Passive
Enforcement Id(EID): 234871
Region: 9

Order / Resolution Number: UNKNOWN

Enforcement Action Type: Staff Enforcement Letter

Effective Date: 10/16/2000
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 10/16/2000
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000000092

Description: A standard staff enforcement letter asking for submittal of

Map ID MAP FINDINGS
Direction

CABRILLO POWER I LLC (Continued)

Distance
Elevation Site

1005452042

EDR ID Number

EPA ID Number

Database(s)

the requested information.

Program: NPDESWW Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Region: 9 Facility Id: 222755

Agency Name: Cabrillo Power I LLC

Place Type: Utility
Place Subtype: Power Plant
Facility Type: Industrial

Agency Type: Privately-Owned Business

Of Agencies: 1

Place Latitude: 33.137813999999 Place Longitude: -117.338593 SIC Code 1: 4911 SIC Desc 1: **Electric Services** SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: Reg Meas
Design Flow: 860.299999

Threat To Water Quality: 1
Complexity: A

Pretreatment: X - Facility is not a POTW
Facility Waste Type: Cooling water: Contact
Facility Waste Type 2: Process waste, NEC

Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: NPDESWW
Program Category1: NPDESWW
Program Category2: NPDESWW
Of Programs: 1

WDID: 9 00000092 Reg Measure Id: 148100

Reg Measure Type: NPDES Permits

Region: 9

 Norder #:
 R9-2000-0003

 Npdes# CA#:
 CA0001350

 Major-Minor:
 Major

 Npdes Type:
 OTH

 Reclamation:
 N - No

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Dredge Fill Fee: Not reported 301H: Ν Application Fee Amt Received: Not reported Status: Historical Status Date: 09/30/2006 02/09/2000 Effective Date: Expiration/Review Date: 09/30/2006 Termination Date: 09/30/2006 WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported Not reported WDR Review - No Action Required: WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: N Individual/General: I

Fee Code: 66 - NPDES Based on Flow

Direction/Voice: Passive
Enforcement Id(EID): 233912
Region: 9

Order / Resolution Number: UNKNOWN

Enforcement Action Type: Staff Enforcement Letter

Effective Date: 03/02/2000
Adoption/Issuance Date: Not reported
Achieve Date: 1999-08-31
Termination Date: 03/02/2000
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000000092

Description: A standard staff enforcement letter. There are no

outstanding issues to resolve. Enforcement letter notes

late report and daily TSS violations

Program: NPDESWW Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Region: 9 Facility Id: 222755

Agency Name: Cabrillo Power I LLC

Place Type: Utility
Place Subtype: Power Plant
Facility Type: Industrial

Agency Type: Privately-Owned Business

Of Agencies:

 Place Latitude:
 33.137813999999

 Place Longitude:
 -117.338593

 SIC Code 1:
 4911

SIC Desc 1: Electric Services SIC Code 2: Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation

vation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: Reg Meas
Design Flow: 860.299999

Threat To Water Quality: 1
Complexity: A

Pretreatment: X - Facility is not a POTW
Facility Waste Type: Cooling water: Contact
Facility Waste Type 2: Process waste, NEC

Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: NPDESWW Program Category1: NPDESWW Program Category2: NPDESWW

Of Programs:

WDID: 9 00000092 Reg Measure Id: 148100

Reg Measure Type: NPDES Permits

Region:

 Order #:
 R9-2000-0003

 Npdes# CA#:
 CA0001350

 Major-Minor:
 Major

 Npdes Type:
 OTH

 Reclamation:
 N - No

 Dredge Fill Fee:
 Not reported

301H: N

Application Fee Amt Received: Not reported Historical Status: Status Date: 09/30/2006 Effective Date: 02/09/2000 Expiration/Review Date: 09/30/2006 Termination Date: 09/30/2006 WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported Not reported WDR Review - No Action Required: WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: N Individual/General: I

Fee Code: 66 - NPDES Based on Flow

Direction/Voice: Passive
Enforcement Id(EID): 233247
Region: 9
Order / Resolution Number: UNKNOWN

Enforcement Action Type: Staff Enforcement Letter

Effective Date: 09/02/1999
Adoption/Issuance Date: Not reported
Achieve Date: Not reported

Map ID MAP FINDINGS
Direction

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

Termination Date: 09/02/1999
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000000092

Description: standard response to monitoring reports letter, notified

discharger that the report due date is the date received at

the Regional Board office.

Program: NPDESWW Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

9 Region: Facility Id: 222755 Agency Name: Not reported Place Type: Utility Place Subtype: Power Plant Facility Type: Industrial Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 33.137813999999 -117.338593 Place Longitude: SIC Code 1: 4911

Electric Services SIC Desc 1: SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places: Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **NPDESWW** # Of Programs: Not reported WDID: Not reported

Not reported

Reg Measure Id:

Direction Distance Elevation

ation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Reg Measure Type: Not reported Not reported Region: Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Not reported Dredge Fill Fee: 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Not reported Status Date: Not reported Effective Date: Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Not reported Direction/Voice: Enforcement Id(EID): 235589 Region: Order / Resolution Number: UNKNOWN

Enforcement Action Type: Staff Enforcement Letter

Effective Date: 04/02/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 04/02/2001
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000000092

Description: Instantaneous Delta T value exceeded limit of 25.0 F. SEL

was issued on 04/02/01.

Program: NPDESWW Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Region: 9
Facility Id: 222755
Agency Name: Not reported
Place Type: Utility
Place Subtype: Power Plant
Facility Type: Industrial
Agency Type: Not reported

Map ID MAP FINDINGS
Direction

Distance
Elevation Site Database(s)

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

EPA ID Number

Of Agencies: Not reported 33.137813999999 Place Latitude: Place Longitude: -117.338593 SIC Code 1: 4911 SIC Desc 1: **Electric Services** SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported

SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported

Of Places: 1

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **NPDESWW** # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Not reported Major-Minor:

Not reported Npdes Type: Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Not reported Status: Status Date: Not reported Effective Date: Not reported Not reported Expiration/Review Date: Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Not reported Status Enrollee: Individual/General: Not reported Fee Code: Not reported Not reported Direction/Voice:

304393

Enforcement Id(EID):

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

1005452042

Region: 9

R9-2000-0003 Order / Resolution Number:

Enforcement Action Type: Staff Enforcement Letter

Effective Date: 06/07/2006 Adoption/Issuance Date: 06/07/2006 Not reported Achieve Date: 06/07/2006 Termination Date: ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Enforcement - 9 000000092 Title:

Description: Discharger exceeded daily maximum Chronic Toxicity Effluent

Limit in Semiannual DMR.

Program: **NPDESWW**

Latest Milestone Completion Date: Not reported

Of Programs1: Total Assessment Amount: 0 Initial Assessed Amount: 0 Liability \$ Amount: 0 Project \$ Amount: 0 Liability \$ Paid: n Project \$ Completed: 0 Total \$ Paid/Completed Amount:

Region: Facility Id: 222755 Agency Name: Not reported Place Type: Utility Place Subtype: **Power Plant** Facility Type: Industrial Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 33.137813999999 Place Longitude: -117.338593

4911 SIC Code 1: SIC Desc 1: Electric Services SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported Not reported NAICS Desc 2: NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places:

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Map ID MAP FINDINGS
Direction

Distance
Elevation Site Database(s)

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

EPA ID Number

Program Category1: Not reported **NPDESWW** Program Category2: # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Not reported Region: Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Not reported Status Date: Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Not reported Direction/Voice: 253598 Enforcement Id(EID): Region:

Order / Resolution Number: UNKNOWN Enforcement Action Type: Notice of Violation 11/30/2004 Effective Date: Not reported Adoption/Issuance Date: Not reported Achieve Date: Termination Date: 11/30/2004 ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Title: Enforcement - 9 000000092

Description:

Duke Energy violated Order No. 96-05 by failing to continuously record and submit temperature data during
October 2004. A Notice of Violation (NOV) No. R9-2004-0435

was subsequently issued on November 30, 2004.

Program: NPDESWW
Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Map ID MAP FINDINGS
Direction

Distance Elevation

n Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Region: 9 222755 Facility Id: Agency Name: Not reported Place Type: Utility Place Subtype: **Power Plant** Facility Type: Industrial Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 33.137813999999 Place Longitude: -117.338593

SIC Code 1: 4911

SIC Desc 1: **Electric Services** SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places:

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported **NPDESWW** Program Category2: # Of Programs: Not reported WDID: Not reported

Not reported

Not reported

Not reported

Reg Measure Id:

Region:

Reg Measure Type:

Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Not reported Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported

MAP FINDINGS Map ID Direction

Distance

Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

WDR Review - Pending: Not reported WDR Review - Planned: Not reported Not reported Status Enrollee: Individual/General: Not reported Fee Code: Not reported Not reported Direction/Voice: 246233 Enforcement Id(EID): Region:

Order / Resolution Number: UNKNOWN

Enforcement Action Type: Staff Enforcement Letter

12/17/2002 Effective Date: Not reported Adoption/Issuance Date: Achieve Date: Not reported Termination Date: 12/17/2002 ACL Issuance Date: Not reported EPL Issuance Date: Not reported Historical Status:

Title: Enforcement - 9 000000092

Description: Discharger failed to submit valid discharge temperature

data for seven hours on 9/11/02 and for four days from 10/12/02 through 10/15/02 due to faulty thermocouple and

transmitter at its discharge monitoring location. SEL

issued on 12/17/02.

Program: **NPDESWW** Latest Milestone Completion Date: Not reported

Of Programs1:

Total Assessment Amount: 0 Initial Assessed Amount: 0 Liability \$ Amount: 0 Project \$ Amount: 0 Liability \$ Paid: n Project \$ Completed: 0 Total \$ Paid/Completed Amount: 0

9 Region: Facility Id: 222755 Agency Name: Not reported Place Type: Utility Power Plant Place Subtype: Industrial Facility Type: Agency Type: Not reported # Of Agencies: Not reported 33.137813999999 Place Latitude: -117.338593 Place Longitude:

SIC Code 1: 4911

SIC Desc 1: **Electric Services** SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Distance Elevation

vation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Not reported Facility Waste Type 2: Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported **NPDESWW** Program Category2: # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Not reported Region: Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported Not reported Status Enrollee: Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 245771 Region:

Order / Resolution Number: UNKNOWN

Enforcement Action Type: Staff Enforcement Letter

Effective Date: 01/23/2003
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 01/23/2003
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000000092

Description: Discharger failed to record seven hours of effluent

temperature data on 11/15/02. SEL issued on 1/23/02.

Program: NPDESWW Latest Milestone Completion Date: Not reported

Of Programs1:

Distance
Elevation Site

EDR ID Number
Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Region: Facility Id: 222755 Agency Name: Not reported Place Type: Utility Place Subtype: Power Plant Facility Type: Industrial Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 33.137813999999 -117.338593 Place Longitude:

SIC Code 1: 4911

Electric Services SIC Desc 1: SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places: 1

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Not reported Complexity: Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported **NPDESWW** Program Category2: # Of Programs: Not reported WDID: Not reported Not reported Reg Measure Id: Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Not reported Major-Minor: Npdes Type: Not reported Not reported Reclamation: Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported

Not reported

Status:

Direction Distance Elevation

on Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Status Date: Not reported Not reported Effective Date: Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported Not reported WDR Review - No Action Required: WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Not reported Individual/General: Not reported Fee Code: Direction/Voice: Not reported 250350 Enforcement Id(EID): Region:

Order / Resolution Number: UNKNOWN Enforcement Action Type: Notice of Violation Effective Date: 12/19/2003 Adoption/Issuance Date: Not reported Achieve Date: Not reported Termination Date: 12/19/2003 ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Title: Enforcement - 9 000000092

Description:

Discharger did not continuously record discharge temperature data during 11/19 and 11/20 of 2003. This irretrievable loss of data was due to a faulty (rusted)

thermocouples. An NOV was issued on 12/19/03.

Program: NPDESWW Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

SAN DIEGO CO. HMMD:

Facility Id: 210028 Business Type: 6HK52 EPA Id Number: Not reported 210-010-43-00 APN: Last HMMD Inspection: 07/30/2012 Permit Status: **OPEN** Permit Expiration: 10/31/2013 Facility Owner: SDG&E

Facility Address: 8315 CENTURY PK, CP21L

Facility City: SAN DIEGO
Facility State: CA
Facility Zip: 92123
UST Owner: Not reported

Handle Regulated Hazmat: Y

Own Or Operate UST: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Subject To APSA:

Generate Haz Waste: Not reported Treat Haz Waste: Not reported Generate Medical Waste: Not reported

Active Permits:

Facility Id: 210028
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: ACUTE

Facility Id: 210028 Update Date: 11/02/2012 Case Number: 2551-62-4

Name: SULFUR HEXAGLUORIDE

Other Information: SF6
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

 Facility Id:
 210028

 Update Date:
 11/02/2012

 Case Number:
 8042-47-5

 Name:
 DIALA OIL AX

Other Information: DIELECTRIC OIL, MINERAL OIL

Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 210028 Update Date: 11/02/2012 Case Number: 7664-93-9

Name: HYDROGEN SULFATE (SULFURIC ACID)

Other Information: BATTERY ELECTROLYTE

Material Waste: Material Hazardous Categories 1: REACTIVE Hazardous Categories 2: ACUTE

EMI:

 Year:
 1997

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4931

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: 143
Reactive Organic Gases Tons/Yr: 72
Carbon Monoxide Emissions Tons/Yr: 2187
NOX - Oxides of Nitrogen Tons/Yr: 1110

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

SOX - Oxides of Sulphur Tons/Yr: 47
Particulate Matter Tons/Yr: 166
Part. Matter 10 Micrometers & Smllr Tons/Yr: 162

 Year:
 1998

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4931

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: 174
Reactive Organic Gases Tons/Yr: 87
Carbon Monoxide Emissions Tons/Yr: 2670
NOX - Oxides of Nitrogen Tons/Yr: 1165
SOX - Oxides of Sulphur Tons/Yr: 21
Particulate Matter Tons/Yr: 189
Part. Matter 10 Micrometers & Smllr Tons/Yr: 188

 Year:
 1999

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

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: 175
Reactive Organic Gases Tons/Yr: 88
Carbon Monoxide Emissions Tons/Yr: 2688
NOX - Oxides of Nitrogen Tons/Yr: 1033
SOX - Oxides of Sulphur Tons/Yr: 10
Particulate Matter Tons/Yr: 186
Part. Matter 10 Micrometers & Smllr Tons/Yr: 186

 Year:
 2000

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

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: 198
Reactive Organic Gases Tons/Yr: 99
Carbon Monoxide Emissions Tons/Yr: 3016
NOX - Oxides of Nitrogen Tons/Yr: 983
SOX - Oxides of Sulphur Tons/Yr: 74
Particulate Matter Tons/Yr: 217
Part. Matter 10 Micrometers & Smllr Tons/Yr: 217

Year: 2001 County Code: 37

Direction Distance

Elevation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Air Basin: SD
Facility ID: 73
Air District Name: SD
SIC Code: 4911

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Consolidated Emission Reporting Rule: Α Total Organic Hydrocarbon Gases Tons/Yr: 232 Reactive Organic Gases Tons/Yr: 116 Carbon Monoxide Emissions Tons/Yr: 3552 NOX - Oxides of Nitrogen Tons/Yr: 1164 SOX - Oxides of Sulphur Tons/Yr: 26 Particulate Matter Tons/Yr: 248 Part. Matter 10 Micrometers & Smllr Tons/Yr: 248

 Year:
 2002

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System:

Consolidated Emission Reporting Rule:

Total Organic Hydrocarbon Gases Tons/Yr:

Reactive Organic Gases Tons/Yr:

Carbon Monoxide Emissions Tons/Yr:

NOX - Oxides of Nitrogen Tons/Yr:

SOX - Oxides of Sulphur Tons/Yr:

Particulate Matter Tons/Yr:

Not reported

145

73

2222

276

SOX - Oxides of Sulphur Tons/Yr:

21

Particulate Matter Tons/Yr:

160

Part. Matter 10 Micrometers & Smllr Tons/Yr: 160

 Year:
 2003

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

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: 148
Reactive Organic Gases Tons/Yr: 74
Carbon Monoxide Emissions Tons/Yr: 1126
NOX - Oxides of Nitrogen Tons/Yr: 212
SOX - Oxides of Sulphur Tons/Yr: 19
Particulate Matter Tons/Yr: 128
Part. Matter 10 Micrometers & Smllr Tons/Yr: 128

 Year:
 2004

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Y

Direction Distance Elevation

Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

EDR ID Number

Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 147.7153273 Reactive Organic Gases Tons/Yr: 73.88650379 Carbon Monoxide Emissions Tons/Yr: 1126.139901 NOX - Oxides of Nitrogen Tons/Yr: 211.8093051 SOX - Oxides of Sulphur Tons/Yr: 18.96045656 Particulate Matter Tons/Yr: 128.32777921 Part. Matter 10 Micrometers & Smllr Tons/Yr: 128.3277777

 Year:
 2005

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

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: 190.923507 Reactive Organic Gases Tons/Yr: 95.374167 Carbon Monoxide Emissions Tons/Yr: 1456.67551 NOX - Oxides of Nitrogen Tons/Yr: 224.19377 SOX - Oxides of Sulphur Tons/Yr: 10.47220941

Particulate Matter Tons/Yr: 168.7851847395850512

Part. Matter 10 Micrometers & Smllr Tons/Yr: 168.783402

 Year:
 2006

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Not reported Not reported Consolidated Emission Reporting Rule: Total Organic Hydrocarbon Gases Tons/Yr: 83.769699957 Reactive Organic Gases Tons/Yr: 41.907899041 Carbon Monoxide Emissions Tons/Yr: 286.184251556 NOX - Oxides of Nitrogen Tons/Yr: 92.595309062 SOX - Oxides of Sulphur Tons/Yr: 10.762740783 Particulate Matter Tons/Yr: 76.916571709 Part. Matter 10 Micrometers & Smllr Tons/Yr: 76.916553866

 Year:
 2007

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

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: 146.971791 Reactive Organic Gases Tons/Yr: 73.6553484 Carbon Monoxide Emissions Tons/Yr: 478.94857 NOX - Oxides of Nitrogen Tons/Yr: 278.5488 SOX - Oxides of Sulphur Tons/Yr: 14.8045174

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

Particulate Matter Tons/Yr: 134.108024 Part. Matter 10 Micrometers & Smllr Tons/Yr: 134.108003

 Year:
 2008

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

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: 66.66247 Reactive Organic Gases Tons/Yr: 33.397811 Carbon Monoxide Emissions Tons/Yr: 204.5977 NOX - Oxides of Nitrogen Tons/Yr: 96.05 SOX - Oxides of Sulphur Tons/Yr: 3.601822 Particulate Matter Tons/Yr: 61.820814 Part. Matter 10 Micrometers & Smllr Tons/Yr: 61.820814

 Year:
 2009

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

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:
 52.39000000000000001

 Reactive Organic Gases Tons/Yr:
 26.19000000000000

 Carbon Monoxide Emissions Tons/Yr:
 176.2299999999999

 NOX - Oxides of Nitrogen Tons/Yr:
 54.609999999999999

 SOX - Oxides of Sulphur Tons/Yr:
 2.85000000000000

 Particulate Matter Tons/Yr:
 47.57999999999999

 Part. Matter 10 Micrometers & Smllr Tons/Yr:
 47.579999999999999

 Year:
 2010

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 73

 Air District Name:
 SD

 SIC Code:
 4911

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:
 52.367080000000001

 Reactive Organic Gases Tons/Yr:
 26.162489999999998

 Carbon Monoxide Emissions Tons/Yr:
 176.17955000000001

 NOX - Oxides of Nitrogen Tons/Yr:
 54.579999999999998

SOX - Oxides of Sulphur Tons/Yr: 2.833561
Particulate Matter Tons/Yr: 47.569758
Part. Matter 10 Micrometers & Smllr Tons/Yr: 47.569758

 Year:
 2011

 County Code:
 37

 Air Basin:
 SD

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CABRILLO POWER I LLC (Continued)

1005452042

Facility ID: 73 Air District Name: SD SIC Code: 4911

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: 23.18 Reactive Organic Gases Tons/Yr: 11.6 Carbon Monoxide Emissions Tons/Yr: 104.85 NOX - Oxides of Nitrogen Tons/Yr: 30.62 SOX - Oxides of Sulphur Tons/Yr: 1.26 24.09 Particulate Matter Tons/Yr: Part. Matter 10 Micrometers & Smllr Tons/Yr: 24.09

Year: 2012 County Code: 37 Air Basin: SD Facility ID: 73 Air District Name: SD SIC Code: 4911

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: 23.18 Reactive Organic Gases Tons/Yr: 11.6 Carbon Monoxide Emissions Tons/Yr: 104.85 NOX - Oxides of Nitrogen Tons/Yr: 15.88 SOX - Oxides of Sulphur Tons/Yr: 1.26 Particulate Matter Tons/Yr: 24.09 Part. Matter 10 Micrometers & Smllr Tons/Yr: 24.09

SAN DIEGO CO. SAM:

Case Number: H13941-001

DEH Site Assessment & Mitigation Agency:

Funding: Private - VAP Soils Only Facility Type: **Closed Case** Facility Status: Date: 10/28/1996 Date Began: 1/1/1950

Case Number: H13941-002

Agency: **DEH Site Assessment & Mitigation**

Funding: Private - VAP Facility Type: Soils Only Facility Status: **Closed Case** 10/28/1996 Date: Date Began: 10/18/1999

Case Number: H13941-003

DEH Site Assessment & Mitigation Agency:

Funding: Private - VAP Facility Type: Soils Only Facility Status: Closed Case 3/18/2005 Date: Date Began: 10/18/1999

H13941-004 Case Number:

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

CABRILLO POWER I LLC (Continued)

1005452042

N/A

Agency: DEH Site Assessment & Mitigation

Funding: Private - VAP

Facility Type: AX

Facility Status: Preliminary Assessment

Date: 11/26/2007 Date Began: Not reported

A50 SDG&E ENCINA POWER PLANT RGA LUST S114684196

Target 4600 CARLSBAD BL Property CARLSBAD, CA

Site 50 of 60 in cluster A

Actual: RGA LUST:

26 ft. 2003 SDG&E ENCINA POWER PLANT 4600 CARLSBAD BL

A51 SEMPRA/ ENCINA POWER PLANT RGA LUST S114684757

Target 4600 CARLSBAD BL N/A

Property CARLSBAD, CA

Site 51 of 60 in cluster A

Actual: RGA LUST:

26 ft. 2003 SEMPRA/ ENCINA POWER PLANT 4600 CARLSBAD BL

A52 CABRILLO POWER RGA LUST S114589118
Target 4600 CARLSBAD BL N/A

Property CARLSBAD CA

Property CARLSBAD, CA

Site 52 of 60 in cluster A

Actual: RGA LUST:

26 ft. 2007 CABRILLO POWER 4600 CARLSBAD BL

2007 CABRILLO POWER
2007 CABRILLO POWER
2006 CABRILLO POWER
4600 CARLSBAD BL
2006 CABRILLO POWER
4600 CARLSBAD BL
2005 CABRILLO POWER
4600 CARLSBAD BL

A53
Target 4600 CARLSBAD BLVD
ERNS 2001588819
N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 53 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

A54
Target 4600 CARLSBAD BLVD
ERNS 2005633040
N/A

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 54 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A55 ERNS 2003639100

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 55 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A56 ERNS 2002616024

Target 4600 CARLSBAD N/A

Property CARLSBAD, CA 0

Site 56 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A57 ERNS 2001573213

Target 4600 CARLSBAD BLVD N/A

Property CARLSBAD, CA 92008

Site 57 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

A58 ERNS 2001568947

Target 4600 CARLSBAD BLVD

Property CARLSBAD, CA

Troperty OARLODAD, OA

Site 58 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access 26 ft.

additional ERNS detail in the EDR Site Report.

A59 ERNS 2002615629

Target 4600 CARLSBAD BLVD Property CARLSBAD, CA 92008

Site 59 of 60 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

26 ft. additional ERNS detail in the EDR Site Report.

N/A

N/A

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

60 **AGUA HEDIONDA PUMP STATION ENCINA POWER PLANT**

SWEEPS UST S100731108 San Diego Co. HMMD N/A

< 1/8 CARLSBAD, CA 92008 1 ft.

SWEEPS UST:

Relative: Lower

Status: Not reported 19855 Comp Number: Not reported Number:

Actual: 21 ft.

Board Of Equalization: 44-023051 Referral Date: Not reported Action Date: Not reported Not reported Created Date: Not reported Owner Tank Id:

SWRCB Tank Id: 37-000-019855-000001

Tank Status: Not reported Capacity: 1000 Active Date: Not reported Tank Use: **UNKNOWN PRODUCT** STG: Content: Not reported

Number Of Tanks:

Status: Active Comp Number: 19855 Number: Board Of Equalization: 44-023051 Referral Date: Not reported Action Date: 06-26-92 Created Date: 02-29-88 Owner Tank Id: Not reported SWRCB Tank Id: Not reported Not reported Tank Status: Capacity: Not reported Active Date: Not reported Tank Use: Not reported STG: Not reported Not reported Content: Number Of Tanks: Not reported

SAN DIEGO CO. HMMD:

Facility Id: 119855 Business Type: 6HK52 EPA Id Number: Not reported APN: DEH-119855 Last HMMD Inspection: 06/05/1996 Permit Status: INAC Permit Expiration: 06/05/1996

Facility Owner: CITIES OF VISTA-CARLSBAD Facility Address: **ENCINA POWER PLANT**

Facility City: **CARLSBAD** Facility State: CA Facility Zip: 92008

CITIES OF VISTA-CARLSBAD UST Owner:

Handle Regulated Hazmat: Not reported Own Or Operate UST: Not reported Not reported Subject To APSA: Generate Haz Waste: Not reported Treat Haz Waste: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

AGUA HEDIONDA PUMP STATION (Continued)

S100731108

Generate Medical Waste: Not reported

A61 **ENCINA METER SET** RCRA-SQG 1009398220 **4620 CARLSBAD BLVD** CAR000172023

SSW < 1/8 CARLSBAD, CA 92008

0.003 mi.

Site 60 of 60 in cluster A 14 ft.

RCRA-SQG: Relative:

Date form received by agency: 03/08/2006 Higher

ENCINA METER SET Facility name: Actual: Facility address: 4620 CARLSBAD BLVD 26 ft. CARLSBAD, CA 92008

EPA ID: CAR000172023

Mailing address: 8315 CENTURY PARK CT

CP21E

SAN DIEGO, CA 92123

Contact: **PAT J CANNEY**

8315 CENTURY PARK CT CP21E Contact address:

SAN DIEGO, CA 92123

Contact country: US

Contact telephone: 858-637-3740

PCANNEY@SEMPRAUTILITIES.COM Contact email:

EPA Region:

Small Small Quantity Generator Classification:

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:

CABRILLO POWER I LLC Owner/operator name: 4600 CARLSBAD BLVD Owner/operator address:

CARLSBAD, CA 92008

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 05/01/2001 Owner/Op end date: Not reported

SAN DIEGO GAS AND ELECTRIC Owner/operator name:

Owner/operator address: Not reported Not reported Owner/operator country: US

Owner/operator telephone: Not reported Private Legal status: Owner/Operator Type: Operator Owner/Op start date: 01/01/1978 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

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ENCINA METER SET (Continued)

1009398220

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: Nο Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018 **BENZENE** Waste name:

Violation Status: No violations found

B62 CANNON COURT PROJECT

NONE CANNON RD & I5 (NW CORNER) **ESE**

1/8-1/4 CARLSBAD, CA 92008

0.128 mi.

Site 1 of 2 in cluster B 676 ft.

SLIC: Relative:

Region: STATE Higher

Facility Status: Completed - Case Closed Actual:

Status Date: 03/20/2002 59 ft. Global Id: T0608152763

> Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number: H39546-001 Not reported Latitude: 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: Soil

Potential Contaminants of Concern: Not reported

Site History: Not reported

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

SLIC S106716387

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

C63 GRANT GENERAL CONTRACTORS, INC HIST UST U001570983
SE 5051 AVENIDA ENCINAS N/A

SE 5051 AVENIDA ENCINAS 1/8-1/4 CARLSBAD, CA 92008

0.142 mi.

748 ft. Site 1 of 3 in cluster C

Relative: Higher HIST UST: Region:

Facility ID: 00000015843
Facility Type: Other

Actual: Facility Type: Other 48 ft. Other Type: CON

Other Type: CONSTRUCTION

Total Tanks: 0001

Contact Name: JAMES E. GRANT Telephone: 6194387500

Owner Name: GRANT GENERAL CONTRACTORS, INC

Owner Address: 5051 AVENIDA ENCINCAS Owner City, St, Zip: CARLSBAD, CA 92008

STATE

Tank Num: 001 Container Num: ONE Year Installed: 1982 00004000 Tank Capacity: **PRODUCT** Tank Used for: Type of Fuel: **UNLEADED** Tank Construction: .267 inches Leak Detection: Pressure Test

C64 GRANT GENERAL CONTRACTORS

SE 5051 AVENUE ENCINAS 1/8-1/4 CARLSBAD, CA 92008

0.142 mi.

748 ft. Site 2 of 3 in cluster C

Relative: SWEEPS UST:

 Higher
 Status:
 Active

 Comp Number:
 20065

 Actual:
 Number:
 9

48 ft. Board Of Equalization: 44-023081
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88

Owner Tank Id: Not reported SWRCB Tank Id: 37-000-020065-000001

Tank Status: A
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED

Number Of Tanks: 1

TC4057702.2s Page 139

SWEEPS UST

S106926852

N/A

EDR ID Number

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

D65 SDGE NORTH COAST OPERATING DIS HIST UST U001570991
SSE 5016 CARLSBAD BLVD SWEEPS UST N/A

SSE 5016 CARLSBAD BLVD 1/8-1/4 CARLSBAD, CA 92008

0.152 mi.

801 ft. Site 1 of 4 in cluster D

Relative: Higher HIST UST:

Region: STATE
Facility ID: 00000063884
Facility Type: Other

Actual: Facility Type: Other
45 ft. Other Type: UTILITY
Total Tanks: 0003

Contact Name: FLEET MAINTENANCE

Telephone: 6196962000

Owner Name: SAN DIEGO GAS & ELECTRIC COMPA

Owner Address: 101 ASH STREET
Owner City,St,Zip: SAN DIEGO, CA 92101

Tank Num: 001 1101 Container Num: Year Installed: 1974 00001000 Tank Capacity: Tank Used for: **PRODUCT** Type of Fuel: DIESEL Tank Construction: 1/4 inches Leak Detection: None

Tank Num: 002 Container Num: 1102 Year Installed: 1962 Tank Capacity: 00010000 **PRODUCT** Tank Used for: Type of Fuel: UNLEADED Tank Construction: 1/4 inches Leak Detection: None

003 Tank Num: 1103 Container Num: Year Installed: 1978 Tank Capacity: 00001000 WASTE Tank Used for: Type of Fuel: WASTE OIL Tank Construction: 3/16 inches Leak Detection: None

SWEEPS UST:

Status: Active
Comp Number: 23290
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 ld: 37-000-023290-000001

Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDGE NORTH COAST OPERATING DIS (Continued)

U001570991

STG:

REG UNLEADED Content:

Number Of Tanks: 3

Status: Active Comp Number: 23290 Number:

Board Of Equalization: Not reported Referral Date: Not reported Action Date: 06-26-92 02-29-88 Created Date: Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-023290-000002

Tank Status: Capacity: 10000 Not reported Active Date: M.V. FUEL Tank Use: STG:

Content: OTHER Number Of Tanks: Not reported

Status: Active Comp Number: 23290 Number:

Board Of Equalization: Not reported Referral Date: Not reported 06-26-92 Action Date: Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-023290-000003

Tank Status: Capacity: 1000 Not reported Active Date: Tank Use: **PETROLEUM**

STG:

Not reported Content: Number Of Tanks: Not reported

D66 **EDR US Hist Auto Stat** 1015525047 N/A

SSE **5016 CARLSBAD BLVD** 1/8-1/4 CARLSBAD, CA 92008

0.152 mi.

801 ft. Site 2 of 4 in cluster D

EDR Historical Auto Stations: Relative:

SAN DIEGO GAS & ELECTRIC Higher Name:

2001 Year:

Actual: Address: 5016 CARLSBAD BLVD

45 ft.

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

D67 SDG&E - C/O SEMPRA ENERGY UST U003941565 N/A

SSE **5016 CARLSBAD BLVD** 1/8-1/4 CARLSBAD, CA 92008

0.152 mi.

801 ft. Site 3 of 4 in cluster D

UST: Relative:

Facility ID: Higher H23290 Latitude: 33.135055 Actual: Longitude: -117.3328392

45 ft. SAN DIEGO COUNTY Permitting Agency:

D68 **NORTHCOAST DIST OPER** RCRA-SQG 1000407255 SSE **5016 CARLSBAD BLVD FINDS** CAD981168594

1/8-1/4 0.152 mi.

801 ft. Site 4 of 4 in cluster D

CARLSBAD, CA 92008

RCRA-SQG: Relative:

Date form received by agency: 09/01/1996 Higher

NORTHCOAST DIST OPER Facility name: Actual: Facility address: 5016 CARLSBAD BLVD 45 ft.

CARLSBAD, CA 92008 EPA ID: CAD981168594

Mailing address: PO BOX 1831

SAN DIEGO, CA 92112

Contact: Not reported Contact address: Not reported

Not reported

Contact country: Not reported Not reported Contact telephone: Contact email: Not reported

EPA Region: 09

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Small Small Quantity Generator

Handler: generates more than 100 and less than 1000 kg of hazardous Description:

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: SAN DIEGO G & E 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

Direction Distance

Elevation Site Database(s) EPA ID Number

NORTHCOAST DIST OPER (Continued)

1000407255

EDR ID Number

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: Nο Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 02/26/1992

Site name: NORTH COAST OPERATING DISTRICT-SDGE

Classification: Large Quantity Generator

Date form received by agency: 04/09/1990

Site name: SDG&E NORTH COAST OPERATING DISTRICT

11/16/1993

Classification: Large Quantity Generator

Date form received by agency: 01/03/1986

Site name: NORTHCOAST DIST OPER Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Date violation determined:

Regulation violated: FR - 262.10-12.A Area of violation: Generators - General

11/16/1998 Date achieved compliance: State Violation lead agency: 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: 09/18/1992
Date achieved compliance: 11/16/1993
Violation lead agency: State
Enforcement action: Not reported
Enf. disposition status: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NORTHCOAST DIST OPER (Continued)

1000407255

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

Evaluation Action Summary:

04/28/2004 Evaluation date:

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

State Contractor/Grantee Evaluation lead agency:

Evaluation date: 11/16/1993

COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation:

Area of violation: Generators - General

Date achieved compliance: 11/16/1998

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/18/1992

COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation:

Area of violation: Generators - General

Date achieved compliance: 11/16/1993

Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110055767362

Environmental Interest/Information System

B69 CANNON COURT PROJECT SAN DIEGO CO. SAM S109348918

CANNON RD & I5 (NW CORNER) ESE

1/8-1/4 CARLSBAD, CA 92008

0.165 mi.

869 ft. Site 2 of 2 in cluster B

SAN DIEGO CO. SAM: Relative: Case Number: Higher

Agency: **DEH Site Assessment & Mitigation**

H39546-001

Actual: Funding: Private - VAP 61 ft. Facility Type: Soils Only Facility Status: Closed Case

3/20/2002 Date: Date Began: 10/25/2001

C70 **EDR US Hist Auto Stat** 1015526389

SE **5030 AVENIDA ENCINAS** 1/8-1/4 CARLSBAD, CA 92008

0.177 mi.

932 ft. Site 3 of 3 in cluster C

Relative: Name: TOYOTA CARLSBAD COLLISION CENTER Higher

Year: 2009

EDR Historical Auto Stations:

Actual: Address: 5030 AVENIDA ENCINAS

51 ft.

N/A

N/A

Direction Distance

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

71 EDR US Hist Auto Stat 1015533322 SE 5135 AVENIDA ENCINAS N/A

SE 5135 AVENIDA ENCINAS 1/8-1/4 CARLSBAD, CA 92008

0.223 mi. 1178 ft.

Relative: EDR Historical Auto Stations:

Higher Name: TEXACO Year: 2005

Actual: Address: 5135 AVENIDA ENCINAS

51 ft.

Name: TEXACO Year: 2009

Address: 5135 AVENIDA ENCINAS

72 TOYOTA CARLSBAD USED CARS RCRA-SQG 1000342886 ESE 5124 PASEO DEL NORTE FINDS CAD982019176

 1/4-1/2
 CARLSBAD, CA 92008
 SLIC

 0.324 mi.
 AST

 1713 ft.
 SWEEPS UST

 - . . .
 San Diego Co. HMMD

Relative: HAZNET
Higher SAN DIEGO CO. SAM

Actual: RCRA-SQG:

76 ft. Date form received by agency: 09/01/1996

Facility name: TOYOTA CARLSBAD USED CARS

Facility address: 5124 PASEO DEL NORTE

CARLSBAD, CA 92008

EPA ID: CAD982019176

Mailing address: 5424 PASEO DEL NORTE

CARLSBAD, CA 92008

Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported

Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Owner/operator name: LOU JONES PRESIDENT

Owner/operator address: NOT REQUIRED

Direction Distance

Elevation Site Database(s) EPA ID Number

TOYOTA CARLSBAD USED CARS (Continued)

1000342886

EDR ID Number

NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/28/1992

Site name: TOYOTA CARLSBAD Classification: Large Quantity Generator

Date form received by agency: 08/03/1987

Site name: TOYOTA CARLSBAD USED CARS

Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002777754

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.

SLIC:

Region: STATE

Direction Distance

Elevation Site Database(s) EPA ID Number

TOYOTA CARLSBAD USED CARS (Continued)

1000342886

EDR ID Number

Facility Status: Completed - Case Closed

Status Date: 02/19/1988 Global Id: 70608176811

Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number: H01389-001 Latitude: 33.13526 Longitude: -117.326784

Case Type: Cleanup Program Site

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

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

AST:

Owner: Not reported Total Gallons: 2365
Certified Unified Program Agencies: San Diego

SWEEPS UST:

Not reported Status: Comp Number: 1389 Number: Not reported Board Of Equalization: 44-021607 Not reported Referral Date: Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-001389-000001

Tank Status: Not reported

Capacity: 500

Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: Not reported

Number Of Tanks: 1

Status: Active Comp Number: 1389 Number: 9

Board Of Equalization: 44-021607
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-001389-000002

Tank Status: A Capacity: 550

Active Date: Not reported Tank Use: PETROLEUM

STG: W

Content: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

TOYOTA CARLSBAD USED CARS (Continued)

1000342886

EDR ID Number

Number Of Tanks: 1

SAN DIEGO CO. HMMD:

 Facility Id:
 101389

 Business Type:
 6HK18

 EPA Id Number:
 CAD982019176

APN: 211-060-12-00

Last HMMD Inspection: 10/26/2010

Permit Status: OPEN

Permit Expiration: 05/31/2013

Facility Owner: Not reported

Facility Address: 5424 PASEO DEL NORTE

Facility City: CARLSBAD

Facility State: CA
Facility Zip: 92008-4426
UST Owner: LOUIS V JONES

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 101389 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 101389
Tank Type: SINGLE WALL

Additional Id: 1
Capacity Gallons: 500
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED

Remove Close Date: 1987-10-12 00:00:00

Year Installed: Not reported 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 101389 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 101389
Tank Type: SINGLE WALL

Additional Id: 2 Capacity Gallons: 550

UST Contents: Not reported Other Content Info: WASTE OIL Reg Status: REMOVED

Remove Close Date: 1992-09-12 00:00:00
Year Installed: Not reported
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

Direction Distance

Elevation Site Database(s) EPA ID Number

TOYOTA CARLSBAD USED CARS (Continued)

1000342886

EDR ID Number

Active Permits:

 Facility Id:
 101389

 Update Date:
 11/02/2012

 Case Number:
 8006-61-9

 Name:
 GASOLINE

Other Information: TANK - 2-500G TANKS

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

HAZNET:

Year: 2003

Gepaid: CAD982019176

Contact: TONY PEREIRA SHOP FOREMAN

Telephone: 7604382000 Mailing Name: Not reported

Mailing Address: 6030 AVENIDA ENCINAS Mailing City,St,Zip: CARLSBAD, CA 920110000

Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported

Waste Category: Oil/water separation sludge

Disposal Method: Recycler
Tons: 12.35
Facility County: San Diego

Year: 2001

Gepaid: CAD982019176

Contact: TONY PEREIRA SHOP FOREMAN

Telephone: 7604382000 Mailing Name: Not reported

Mailing Address: 6030 AVENIDA ENCINAS Mailing City, St, Zip: CARLSBAD, CA 920110000

Gen County: Not reported TSD EPA ID: CAT080013352 TSD County: Not reported

Waste Category: Oil/water separation sludge

Disposal Method: Recycler
Tons: 10.42
Facility County: San Diego

Year: 2001

Gepaid: CAD982019176

Contact: TONY PEREIRA SHOP FOREMAN

Telephone: 7604382000 Mailing Name: Not reported

Mailing Address: 6030 AVENIDA ENCINAS Mailing City,St,Zip: CARLSBAD, CA 920110000

Gen County: Not reported
TSD EPA ID: CAD050806850
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station

Tons: 0.24
Facility County: San Diego

Direction Distance

Elevation Site Database(s) EPA ID Number

TOYOTA CARLSBAD USED CARS (Continued)

1000342886

EDR ID Number

Year: 2001

Gepaid: CAD982019176

Contact: TONY PEREIRA SHOP FOREMAN

Telephone: 7604382000 Mailing Name: Not reported

Mailing Address: 6030 AVENIDA ENCINAS Mailing City,St,Zip: CARLSBAD, CA 920110000

Gen County: Not reported TSD EPA ID: CAT000613893 TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Transfer Station

Tons: 0.02 Facility County: San Diego

Year: 2000

Gepaid: CAD982019176

Contact: TONY PEREIRA SHOP FOREMAN

Telephone: 7604382000 Mailing Name: Not reported

Mailing Address: 6030 AVENIDA ENCINAS Mailing City,St,Zip: CARLSBAD, CA 920110000

Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Transfer Station

Tons: 3.85
Facility County: San Diego

Click this hyperlink while viewing on your computer to access 18 additional CA_HAZNET: record(s) in the EDR Site Report.

SAN DIEGO CO. SAM:

Case Number: H01389-001

Agency: DEH Site Assessment & Mitigation

Funding:

Facility Type:
Facility Status:
Closed Case
Date:
Date Began:

Non Billable
Failed Integrity Test
Closed Case
2/19/1988
5/11/1987

E73 FOXES LANDING LIFT STATION ENVIROSTOR S106797750
NNE 4155 HARRISON STREET (EASEMENT) N/A

1/4-1/2 CARLSBAD, CA 92008

0.359 mi.

1895 ft. Site 1 of 2 in cluster E

Relative: ENVIROSTOR:

Higher Facility ID: 37990009

Status: Refer: 1248 Local Agency

Actual: Status Date: 01/23/2001 65 ft. Site Code: Not reported

Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported

NPL: NO

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FOXES LANDING LIFT STATION (Continued)

S106797750

Regulatory Agencies: NONE SPECIFIED NONE SPECIFIED Lead Agency: Program Manager: Not reported

Supervisor: Referred - Not Assigned Division Branch: Cleanup Cypress

Assembly: 74

Senate: Not reported Special Program: Not reported

Restricted Use: NO

NONE SPECIFIED Site Mgmt Req: Funding: Not Applicable

Latitude: Longitude:

APN: NONE SPECIFIED NONE SPECIFIED Past Use: NONE SPECIFIED Potential COC: Confirmed COC: NONE SPECIFIED NONE SPECIFIED Potential Description: Alias Name: 37990009

Envirostor ID Number Alias Type:

Completed Info:

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported SB 1248 Notification Completed Document Type:

Completed Date: 01/23/2001

Comments: SB 1248 San Diego County

Future Area Name: Not reported Future Sub Area Name: Not reported Not reported Future Document Type: Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Not reported Schedule Due Date: Schedule Revised Date: Not reported

E74 **FOX'S SEWER LIFT STATION** SLIC S104890816 NNE 4155 HARRISON ST San Diego Co. HMMD N/A

1/4-1/2 0.359 mi.

1895 ft. Site 2 of 2 in cluster E

CARLSBAD, CA 92008

SLIC: Relative: Region: Higher

Facility Status: Completed - Case Closed

Actual: Status Date: 12/06/2013 65 ft. Global Id: T0608142931

> SAN DIEGO COUNTY LOP Lead Agency:

STATE

Lead Agency Case Number: H39418-001 Latitude: 33.148745 Longitude: -117.332882

Case Type: Cleanup Program Site

Case Worker:

SAN DIEGO COUNTY LOP Local Agency:

RB Case Number: Not reported File Location: Local Agency SAN DIEGO CO. SAM

Direction
Distance

Elevation Site Database(s) EPA ID Number

FOX'S SEWER LIFT STATION (Continued)

S104890816

EDR ID Number

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:
 204298

 Business Type:
 6HK18

 EPA Id Number:
 Not reported

 APN:
 206-120-36-00

 Last HMMD Inspection:
 08/11/2011

 Permit Status:
 OPEN

 Permit Expiration:
 01/31/2013

Facility Owner: CITY OF CARLSBAD UTILITIES

Facility Address: 5950 EL CAMINO REAL

Facility City: CARLSBAD
Facility State: CA
Facility Zip: 92008
UST Owner: Not reported

Handle Regulated Hazmat: Y

Own Or Operate UST: Not reported Subject To APSA: Not reported

Generate Haz Waste: N

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

Active Permits:

Facility Id: 204298 Update Date: 11/02/2012 Case Number: 68334-30-5 Name: DIESEL FUEL Other Information: **GENERATOR** Material Waste: Material **FIRE** Hazardous Categories 1: CHRONIC Hazardous Categories 2:

Violations Active Permits:

 Facility Id:
 204298

 Update Date:
 11/02/2012

 Inspection Date:
 08/11/2011

 Violation Code:
 6HV1013

Violation: HMBP NOT AVAILABLE FOR REVIEW

Violation Citation: Copy of HMBP not onsite for inspector's review. 25505(e)

Activity: ACTIVE

 Facility Id:
 204298

 Business Type:
 6HK18

 EPA Id Number:
 Not reported

 APN:
 206-120-36-00

 Last HMMD Inspection:
 08/11/2011

 Permit Status:
 OPEN

 Permit Expiration:
 01/31/2013

Facility Owner: CITY OF CARLSBAD UTILITIES

Facility Address: 5950 EL CAMINO REAL

Facility City: CARLSBAD

Direction Distance

Elevation Site Database(s) EPA ID Number

FOX'S SEWER LIFT STATION (Continued)

S104890816

EDR ID Number

Facility State: CA
Facility Zip: 92008
UST Owner: Not reported

Handle Regulated Hazmat: Y

Own Or Operate UST: Not reported Subject To APSA: Not reported

Generate Haz Waste:

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

Active Permits:

Facility Id: 204298 Update Date: 11/02/2012 Case Number: 68334-30-5 Name: **DIESEL FUEL** Other Information: **GENERATOR** Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: **CHRONIC**

Violations Active Permits:

 Facility Id:
 204298

 Update Date:
 11/02/2012

 Inspection Date:
 08/11/2011

 Violation Code:
 6HV1013

Violation: HMBP NOT AVAILABLE FOR REVIEW

Violation Citation: Copy of HMBP not onsite for inspector's review. 25505(e)

Activity: ACTIVE

 Facility Id:
 204298

 Business Type:
 6HK18

 EPA Id Number:
 Not reported

 APN:
 206-120-36-00

 Last HMMD Inspection:
 08/11/2011

 Permit Status:
 OPEN

 Permit Expiration:
 01/31/2013

Facility Owner: CITY OF CARLSBAD UTILITIES

Facility Address: 5950 EL CAMINO REAL

Facility City: CARLSBAD Facility State: CA Facility Zip: 92008 UST Owner: Not reported Not reported Handle Regulated Hazmat: 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

Active Permits:

Facility Id: 204298
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: GENERATOR
Material Waste: Material
Hazardous Categories 1: FIRE

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FOX'S SEWER LIFT STATION (Continued)

S104890816

Violations Active Permits:

Hazardous Categories 2:

Facility Id: 204298 Update Date: 11/02/2012 Inspection Date: 08/11/2011 Violation Code: 6HV1013

HMBP NOT AVAILABLE FOR REVIEW Violation:

CHRONIC

Violation Citation: Copy of HMBP not onsite for inspector's review. 25505(e)

Activity: **ACTIVE**

SAN DIEGO CO. SAM:

Case Number: H39418-001

Agency: **DEH Site Assessment & Mitigation**

Funding: ΧV Facility Type: Soils Only

Facility Status: Remedial Investigation

12/29/2000 Date: Date Began: 12/29/2000

WESELOH CHEVROLET COMPANY U001571001 F75 LUST SF **5335 PASEO DEL NORTE HIST UST** N/A

1/4-1/2 CARLSBAD, CA 92008

0.406 mi.

2146 ft. Site 1 of 2 in cluster F

LUST: Relative: STATE Region: Higher

Global Id: T0607300152 Actual: Latitude: 33.133679 65 ft. -117.327528 Longitude:

Case Type: LUST Cleanup Site Completed - Case Closed Status:

Status Date: 10/10/2006

Lead Agency: SAN DIEGO COUNTY LOP

Case Worker: ΕM

Local Agency: SAN DIEGO COUNTY LOP

RB Case Number: 9UT1183 LOC Case Number: H12127-001 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:

Contact:

T0607300152 Global Id:

Contact Type: Local Agency Caseworker

Contact Name: **EWAN MOFFAT**

Organization Name: SAN DIEGO COUNTY LOP

Address: P.O. Box 129261 Citv: San Diego

ewan.moffat@sdcounty.ca.gov Email:

Phone Number: Not reported

Direction Distance Elevation

evation Site Database(s) EPA ID Number

WESELOH CHEVROLET COMPANY (Continued)

U001571001

EDR ID Number

Status History:

Global Id: T0607300152

Status: Open - Case Begin Date

Status Date: 01/17/1989

Global Id: T0607300152

Status: Completed - Case Closed

Status Date: 10/10/2006

Regulatory Activities:

 Global Id:
 T0607300152

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Discovery

Global Id: T0607300152
Action Type: ENFORCEMENT
Date: 01/18/1989

Action: Notice of Responsibility

 Global Id:
 T0607300152

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

 Global Id:
 T0607300152

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Began

 Global Id:
 T0607300152

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Stopped

HIST UST:

Region: STATE
Facility ID: 00000011144
Facility Type: Other

Other Type: AUTO DEALERSHIP

Total Tanks: 0003

Contact Name: CHARLES B. WESELOH

Telephone: 6194381001

Owner Name: WESELOH CHEVROLET CO.
Owner Address: 5335 PASEO DEL NORTE
Owner City,St,Zip: CARLSBAD, CA 92008

Tank Num: 001 Container Num: 2

Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WESELOH CHEVROLET COMPANY (Continued)

U001571001

HIST CORTESE

LUST

UST

Tank Num: 002 Container Num: 1

Year Installed: Not reported Tank Capacity: 00000500 Tank Used for: **PRODUCT** Type of Fuel: **UNLEADED** Tank Construction: Not reported Leak Detection: Stock Inventor

Tank Num: 003 Container Num: 3

Year Installed: Not reported 00000500 Tank Capacity: Tank Used for: WASTE Type of Fuel: WASTE OIL Tank Construction: Not reported Leak Detection: Stock Inventor

F76 **WESELOH CHEVROLET** RCRA-SQG 1000205270 SE **5335 PASEO DEL NORTE FINDS** CAD981982135

CARLSBAD, CA 92008 1/4-1/2 0.406 mi.

2146 ft. Site 2 of 2 in cluster F

AST Relative: **SWEEPS UST** Higher Notify 65 San Diego Co. HMMD Actual:

EMI 65 ft. SAN DIEGO CO. SAM

RCRA-SQG:

Date form received by agency: 09/01/1996

Facility name: WESELOH CHEVROLET Facility address: 5335 PASEO DEL NORTE CARLSBAD, CA 92008

EPA ID: CAD981982135 Contact: Not reported Contact address: Not reported Not reported

Not reported Contact country: Contact telephone: Not reported Contact email: Not reported

EPA Region:

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHARLES B WESELOH Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: (415) 555-1212

Direction Distance Elevation

ation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

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:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

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: Nο Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 04/20/1987

Site name: WESELOH CHEVROLET
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General

Date violation determined: 07/07/2003

Date achieved compliance: 10/07/2003

Violation lead agency: State

Enforcement action: Not reported

Enforcement action:

Enforcement action date:

Enf. disposition status:

Enf. disp. status date:

Enforcement lead agency:

Proposed penalty amount:

Final penalty amount:

Paid reported

Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General

Date violation determined: 11/04/1993 Date achieved compliance: 11/04/1998

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

Violation lead agency: State Not reported Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: 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: 11/04/1993 Violation lead agency: State Enforcement action: Not reported Not reported Enforcement action date: 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: 11/04/1990

Date achieved compliance: 11/04/1995 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 - 262.10-12.A Area of violation: Generators - General

Date violation determined: 08/23/1990 08/10/1992 Date achieved compliance: Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 07/07/2003

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 10/07/2003

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/04/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 11/04/1995

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 11/04/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 11/04/1998

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/10/1992

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 11/04/1993

Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/23/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 08/10/1992

Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002763858

Environmental Interest/Information System

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

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.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

HIST CORTESE:

Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT1183

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WESELOH CHEVROLET (Continued)

1000205270

LUST REG 9:

Region:

Remediation Plan Status:

Case Number: 9UT1183 Local Case: H12127-001 Gasoline Substance: Qty Leaked:

Not reported Abate Method: Local Agency: San Diego How Found: Tank Test How Stopped: Not reported Source: Not reported Not reported Cause: Lead Agency: Local Agency

Case Type: Other ground water affected

Date Found: 01/17/1989 Date Stopped: 01/17/1989 Confirm Date: 01/17/1989 Submit Workplan: Not reported Prelim Assess: 02/20/1989 Desc Pollution: Not reported 08/01/1998 Remed Plan: Remed Action: Not reported Not reported Began Monitor: 02/02/1989 Release Date: Enforce Date: Not reported Closed Date: Not reported Enforce Type: Not reported

Pilot Program: LOP 904.40 Basin Number: GW Depth: 25

Beneficial Use: No Beneficial groundwater use

NPDES Number: Not reported

Priority: 2A

File discarded, case closed File Dispn: Interim Remedial Actions: No

Cleanup and Abatement order Number: Not reported Waste Discharge Requirement Number: Not reported

UST:

Facility ID: H12127 Latitude: 33.135091 Longitude: -117.32607

SAN DIEGO COUNTY Permitting Agency:

AST:

MIKE WESELOH Owner:

Total Gallons: 3800 Certified Unified Program Agencies: San Diego

SWEEPS UST:

Status: Not reported Comp Number: 12127 Number: Not reported Board Of Equalization: 44-022521

Direction Distance Elevation

Site Database(s) **EPA ID Number**

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Referral Date: Not reported Not reported Action Date: Created Date: Not reported Owner Tank Id: Not reported

37-000-012127-000001 SWRCB Tank Id:

Not reported Tank Status:

Capacity: 500

Active Date: Not reported Tank Use: M.V. FUEL STG: **PRODUCT REG UNLEADED** Content:

Number Of Tanks:

Status: Not reported Comp Number: 12127 Number: Not reported Board Of Equalization: 44-022521 Referral Date: Not reported Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

37-000-012127-000002 SWRCB Tank Id:

Not reported

Not reported Tank Status: Capacity: 500 Active Date: Not reported Tank Use: M.V. FUEL **PRODUCT** STG: Content: **REG UNLEADED** Number Of Tanks:

Status: Not reported Comp Number: 12127 Number: Not reported Board Of Equalization: 44-022521 Not reported Referral Date: Not reported Action Date: Created Date: Not reported Owner Tank Id: Not reported

37-000-012127-000003 SWRCB Tank Id:

Not reported Tank Status:

Capacity: 500

Active Date: Not reported Tank Use: **PETROLEUM** WASTE STG: Not reported Content: Number Of Tanks: Not reported

Status: Active Comp Number: 12127 Number: 44-022521 Board Of Equalization:

Referral Date: Not reported 06-26-92 Action Date: Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-012127-000004

Tank Status:

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED

Number Of Tanks:

Notify 65:

Date Reported: Not reported Staff Initials: Not reported Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Incident Description: 92008-4339

SAN DIEGO CO. HMMD:

Facility Id: 112127
Business Type: 6HK31
EPA Id Number: CAD981982135

APN: 211-060-10-00
Last HMMD Inspection: 07/06/2010
Permit Status: OPEN
Permit Expiration: 02/28/2013

Facility Owner: WESELOH CHEVROLET COMPANY

Facility Address: 5335 PASEO DEL NORTE

Facility City: CARLSBAD

Facility State: CA

Facility Zip: 92008-4339

UST Owner: WESELOH CHEVROLET CO

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 112127 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 112127 Tank Type: UNKNOWN

Additional Id: 2 Capacity Gallons: 500

UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED

Reg Status: REMOVED

Remove Close Date: 1989-03-03 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

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 112127 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 112127

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Tank Type: UNKNOWN

Additional Id: 1
Capacity Gallons: 500

UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED

Reg Status: REMOVED

Remove Close Date: 1989-03-03 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

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 112127 T003

Last Update: 2012-11-02 14:17:38

Permit Number: 112127 Tank Type: UNKNOWN

Additional Id: 3 Capacity Gallons: 500

UST Contents: Not reported Other Content Info: WASTE OIL Reg Status: REMOVED

Remove Close Date: 1986-11-08 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.

UST Name: UNDERGROUND TANK 112127 T004

Last Update: 2012-11-02 14:17:38

Permit Number: 112127
Tank Type: DOUBLE WALL
Additional Id: 4/AT5137
Capacity Gallons: 2000

UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED

Reg Status: REMOVED

 Remove Close Date:
 2005-06-16 00:00:00

 Year Installed:
 1989-01-01 00:00:00

 Pipe Type:
 DOUBLE WALL

 Delivery System:
 SUCTION

Monitor Code: 21

UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL

MONITORS: INTERSTITIAL.

Active Permits:

Facility Id: 112127
Update Date: 11/02/2012
Case Number: Not reported
Name: LACQUER THINNER

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE

Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Facility Id: 112127 Update Date: 11/02/2012 Case Number: 8002-05-9

Name: OILS:MOTOR OILS,TRANSMISSION,HYDRAULIC FLUID

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 213 HYDROCARBON SOLVENTS

Other Information: (1) PARTS WASHER

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 342 ORGANIC LIQUIDS W/METALS

Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE

Other Information: BRAKE FLUID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127
Update Date: 11/02/2012
Case Number: Not reported

Name: REGULAR UNLEADED

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 888 USED OIL FILTERS

Other Information: USED OIL FILTERS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: 7782-44-7

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Name: OXYGEN, COMPRESSED GAS

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 331 OFF-SPEC, AGED, SURPLUS ORGANICS

Other Information: WASTE GAS/DIESEL FUEL

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 132 AQUEOUS SOL'N WITH METALS

Other Information: AQUEOUS-PARTS WASHERS (6)

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 171 METAL SLUDGE

Other Information: HOT TANK SLUDGE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 461 PAINT SLUDGE
Other Information: PAINT SLUDGE / THINNER

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: MIXTURE

Name: DEGREASER SOAP
Other Information: Not reported

Material Waste: Not reported Material

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 221 WASTE OIL & MIXED OIL

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 444 USED BATTERIES

Other Information: USED BATTERIES

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

 Facility Id:
 112127

 Update Date:
 11/02/2012

 Case Number:
 74-86-2

 Name:
 ACETYLEN

Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: CARBON DIOXIDE (25%)/ARGON (75%), COMPRESSED GAS

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: ACUTE

Violations Active Permits:

 Facility Id:
 112127

 Update Date:
 11/02/2012

 Inspection Date:
 12/01/2008

 Violation Code:
 6HV0235

Violation: WASTE NOT ACCUMULATED IN CONTAINER/TANK
Violation Citation: Did not accumulate waste in container or tank. 66262.34(a)(1)

Activity: ACTIVE

 Facility Id:
 112127

 Update Date:
 11/02/2012

 Inspection Date:
 07/07/2003

 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: ACTIVE

Facility Id: 112127

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WESELOH CHEVROLET (Continued)

1000205270

Update Date: 11/02/2012 07/07/2003 Inspection Date: Violation Code: 6HV1605

Violation: NO DAILY TANK INSPECTION/LOG

Violation Citation: Failed to inspect and/or document daily HW tank system inspections.

66265.195 (c)

Activity: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 12/01/2008 Violation Code: 6HV0207

FIRE/EXPLOSION/RELEASE NOT MINIMIZED Violation:

Violation Citation: Facility not maintained &/operated to minimize possibility of fire,

explosion or release. CCR 66265.31

Activity: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 07/07/2003 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: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 07/07/2003 Violation Code: 6HV1601

HAZWASTE TANKS W/O P.E. ASSESSMENT Violation:

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 12/01/2008 Violation Code: 6HV1601

HAZWASTE TANKS W/O P.E. ASSESSMENT Violation:

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 07/07/2003 Violation Code: 6HV0214

Violation: WASTE OIL CONTAMINATED

Violation Citation: Generator of waste oil has improperly contaminated the waste oil with

other hazardous wastes. HSC 25250.7

Activity: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 07/07/2003 Violation Code: 6HV1604

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Violation: 2ND. CONTAINMENT NOT KEPT EMPTY

Violation Citation: Secondary containment not kept empty. 66265.196(b)(c), 66265.194(c)

Activity: ACTIVE

 Facility Id:
 112127

 Update Date:
 11/02/2012

 Inspection Date:
 07/07/2003

 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: ACTIVE

Facility Id: 112127 Business Type: 6HK31

EPA Id Number: CAD981982135
APN: 211-060-10-00
Last HMMD Inspection: 07/06/2010
Permit Status: OPEN
Permit Expiration: 02/28/2013

Facility Owner: WESELOH CHEVROLET COMPANY

Facility Address: 5335 PASEO DEL NORTE

Facility City: CARLSBAD
Facility State: CA
Facility Zip: 92008-4339

UST Owner: WESELOH CHEVROLET CO

Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Y
Generate Haz Waste: Y

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 112127 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 112127
Tank Type: UNKNOWN
Additional Id: 2

Capacity Gallons: 500

UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED

Reg Status: REMOVED

Remove Close Date: 1989-03-03 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

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 112127 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 112127
Tank Type: UNKNOWN

Additional Id: 1

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WESELOH CHEVROLET (Continued)

1000205270

Capacity Gallons: 500

UST Contents: REGULAR UNLEADED Other Content Info: REGULAR UNLEADED

Reg Status: REMOVED

Remove Close Date: 1989-03-03 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code:

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

UNDERGROUND TANK 112127 T003 **UST Name:**

Last Update: 2012-11-02 14:17:38

Permit Number: 112127 UNKNOWN Tank Type:

Additional Id: 3 Capacity Gallons: 500

UST Contents: Not reported WASTE OIL Other Content Info: REMOVED Reg Status:

1986-11-08 00:00:00 Remove Close Date:

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING **UST Monitor Method:**

ALTERNATIVE DURING INSPECTION.

UNDERGROUND TANK 112127 T004 UST Name:

Last Update: 2012-11-02 14:17:38

Permit Number: 112127 Tank Type: **DOUBLE WALL** Additional Id: 4/AT5137 Capacity Gallons: 2000

UST Contents: REGULAR UNLEADED Other Content Info: **REGULAR UNLEADED**

Reg Status: **REMOVED**

Remove Close Date: 2005-06-16 00:00:00 1989-01-01 00:00:00 Year Installed: Pipe Type: DOUBLE WALL Delivery System: SUCTION

Monitor Code: 21

UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL

MONITORS: INTERSTITIAL.

Active Permits:

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: LACQUER THINNER

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 112127

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Update Date: 11/02/2012 Case Number: 8002-05-9

Name: OILS:MOTOR OILS,TRANSMISSION,HYDRAULIC FLUID

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 112127
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 213 HYDROCARBON SOLVENTS

Other Information: (1) PARTS WASHER

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 342 ORGANIC LIQUIDS W/METALS

Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE

Other Information: BRAKE FLUID
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: REGULAR UNLEADED

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 888 USED OIL FILTERS

Other Information: USED OIL FILTERS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: 7782-44-7

Name: OXYGEN, COMPRESSED GAS

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 331 OFF-SPEC, AGED, SURPLUS ORGANICS

Other Information: WASTE GAS/DIESEL FUEL

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 132 AQUEOUS SOL'N WITH METALS

Other Information: AQUEOUS-PARTS WASHERS (6)

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 171 METAL SLUDGE

Other Information: HOT TANK SLUDGE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 461 PAINT SLUDGE
Other Information: PAINT SLUDGE / THINNER

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: MIXTURE

Name: DEGREASER SOAP

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 221 WASTE OIL & MIXED OIL

Other Information: Not reported Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 444 USED BATTERIES

Other Information: USED BATTERIES

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: 74-86-2

Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 112127 Update Date: 11/02/2012 Case Number: Not reported

Name: CARBON DIOXIDE (25%)/ARGON (75%), COMPRESSED GAS

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: ACUTE

Violations Active Permits:

 Facility Id:
 112127

 Update Date:
 11/02/2012

 Inspection Date:
 12/01/2008

 Violation Code:
 6HV0235

Violation: WASTE NOT ACCUMULATED IN CONTAINER/TANK
Violation Citation: Did not accumulate waste in container or tank. 66262.34(a)(1)

Activity: ACTIVE

 Facility Id:
 112127

 Update Date:
 11/02/2012

 Inspection Date:
 07/07/2003

 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: ACTIVE

Facility Id: 112127 Update Date: 11/02/2012

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WESELOH CHEVROLET (Continued)

1000205270

Inspection Date: 07/07/2003 Violation Code: 6HV1605

NO DAILY TANK INSPECTION/LOG Violation:

Violation Citation: Failed to inspect and/or document daily HW tank system inspections.

66265.195 (c)

Activity: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 12/01/2008 Violation Code: 6HV0207

FIRE/EXPLOSION/RELEASE NOT MINIMIZED Violation:

Violation Citation: Facility not maintained &/operated to minimize possibility of fire,

explosion or release. CCR 66265.31

Activity: **ACTIVE**

112127 Facility Id: Update Date: 11/02/2012 Inspection Date: 07/07/2003 Violation Code: 6HV0201

WASTE CONTAINER NOT CLOSED Violation:

Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR

66265.173(a)

Activity: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 07/07/2003 Violation Code: 6HV1601

HAZWASTE TANKS W/O P.E. ASSESSMENT Violation:

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 12/01/2008 Violation Code: 6HV1601

HAZWASTE TANKS W/O P.E. ASSESSMENT Violation:

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

ACTIVE Activity:

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 07/07/2003 Violation Code: 6HV0214

WASTE OIL CONTAMINATED Violation:

Violation Citation: Generator of waste oil has improperly contaminated the waste oil with

other hazardous wastes. HSC 25250.7

Activity: **ACTIVE**

Facility Id: 112127 Update Date: 11/02/2012 Inspection Date: 07/07/2003 Violation Code: 6HV1604

Violation: 2ND. CONTAINMENT NOT KEPT EMPTY

Direction Distance

Elevation Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

EDR ID Number

Violation Citation: Secondary containment not kept empty. 66265.196(b)(c), 66265.194(c)

Activity: ACTIVE
Facility Id: 112127

 Facility Id:
 112127

 Update Date:
 11/02/2012

 Inspection Date:
 07/07/2003

 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: ACTIVE

EMI:

 Year:
 1999

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 3751

 Air District Name:
 SD

 SIC Code:
 7532

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

 Year:
 2000

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 3751

 Air District Name:
 SD

 SIC Code:
 7532

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
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

 Year:
 2001

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 3751

 Air District Name:
 SD

 SIC Code:
 7532

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Not reported

Direction Distance Elevation

EDR ID Number tion Site Database(s) EPA ID Number

WESELOH CHEVROLET (Continued)

1000205270

Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr:

Reactive Organic Gases Tons/Yr:

Carbon Monoxide Emissions Tons/Yr:

0

NOX - Oxides of Nitrogen Tons/Yr:

0

SOX - Oxides of Sulphur Tons/Yr:

0

Particulate Matter Tons/Yr:

0

Part. Matter 10 Micrometers & Smllr Tons/Yr:

 Year:
 2002

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 3751

 Air District Name:
 SD

 SIC Code:
 7532

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

 Year:
 2003

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 3751

 Air District Name:
 SD

 SIC Code:
 7532

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:

Reactive Organic Gases Tons/Yr:

Carbon Monoxide Emissions Tons/Yr:

NOX - Oxides of Nitrogen Tons/Yr:

SOX - Oxides of Sulphur Tons/Yr:

Particulate Matter Tons/Yr:

O

Part. Matter 10 Micrometers & Smllr Tons/Yr:

0

 Year:
 2004

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 3751

 Air District Name:
 SD

 SIC Code:
 7532

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: 1.14579781 Reactive Organic Gases Tons/Yr: 1.05678 Carbon Monoxide Emissions Tons/Yr: 0

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WESELOH CHEVROLET (Continued)

1000205270

Particulate Matter Tons/Yr: 0 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

2005 County Code: 37 Air Basin: SD Facility ID: 3751 Air District Name: SD SIC Code: 7532

Air District Name: SAN DIEGO COUNTY APCD Not reported Community Health Air Pollution Info System:

Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 1.14579781 Reactive Organic Gases Tons/Yr: 1.05678 Carbon Monoxide Emissions Tons/Yr: NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 0

Year: 2006 County Code: 37 Air Basin: SD Facility ID: 3751 Air District Name: SD SIC Code: 7532

Part. Matter 10 Micrometers & Smllr Tons/Yr:

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: 1.59 Reactive Organic Gases Tons/Yr: 1.5

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

Year: 2007 County Code: 37 Air Basin: SD Facility ID: 3751 Air District Name: SD SIC Code: 7532

SAN DIEGO COUNTY APCD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 1.59 Reactive Organic Gases Tons/Yr: 1.5 Carbon Monoxide Emissions Tons/Yr: 0

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

Year: 2008 County Code: 37 Air Basin: SD

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WESELOH CHEVROLET (Continued)

1000205270

Facility ID: 3751 Air District Name: SD SIC Code: 7532

SAN DIEGO COUNTY APCD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 1.59 Reactive Organic Gases Tons/Yr: 1.5

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

Year: 2009 County Code: 37 Air Basin: SD Facility ID: 3751 Air District Name: SD SIC Code: 7532

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

1.5900000000000001 Total Organic Hydrocarbon Gases Tons/Yr:

Reactive Organic Gases Tons/Yr: 1.5 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 0 Part. Matter 10 Micrometers & Smllr Tons/Yr:

Year: 2010 County Code: 37 Air Basin: SD 3751 Facility ID: Air District Name: SD SIC Code: 7532

SAN DIEGO COUNTY APCD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

1.5900000000000001 Total Organic Hydrocarbon Gases Tons/Yr:

Reactive Organic Gases Tons/Yr: 1.5 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: Part. Matter 10 Micrometers & Smllr Tons/Yr:

Year: 2011 County Code: 37 Air Basin: SD Facility ID: 3751 Air District Name: SD SIC Code: 7532

SAN DIEGO COUNTY APCD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WESELOH CHEVROLET (Continued)

1000205270

Total Organic Hydrocarbon Gases Tons/Yr: 1.59 Reactive Organic Gases Tons/Yr: 1.5 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: Part. Matter 10 Micrometers & Smllr Tons/Yr:

2012 Year: County Code: 37 Air Basin: SD Facility ID: 3751 Air District Name: SD SIC Code: 7532

SAN DIEGO COUNTY APCD Air District Name: Community Health Air Pollution Info System: Not reported

Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 1.59 Reactive Organic Gases Tons/Yr: 1.5 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0

Particulate Matter Tons/Yr: Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

SAN DIEGO CO. SAM:

Case Number: H12127-001

Agency: **DEH Site Assessment & Mitigation**

Funding: POP

Facility Type: GW With No Beneficial Use Designation

Facility Status: Closed Case Date: 10/10/2006 Date Began: 1/17/1989

SEA BREEZE VILLAS 391 TAMARACK AVENUE

CARLSBAD, CA 92008

NPDES S105693451 SLIC N/A SAN DIEGO CO. SAM **ENVIROSTOR**

0.501 mi. 2645 ft.

77

NNW

1/2-1

NPDES: Relative:

CAS000002 Npdes Number: Higher Facility Status: Active Actual: Agency Id: 48 ft. Region:

> 410500 Regulatory Measure Id: 2009-0009-DWQ Order No:

Regulatory Measure Type: Enrollee Place Id: Not reported WDID: 9 37C360132 Program Type: Construction Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: 12/31/2010 **Expiration Date Of Regulatory Measure:** Not reported Termination Date Of Regulatory Measure: Not reported

Discharge Name: TMS Development IIc

Discharge Address: 32 Sylvan

Direction Distance

Elevation Site Database(s) EPA ID Number

SEA BREEZE VILLAS (Continued)

S105693451

EDR ID Number

Discharge City: Irvine
Discharge State: California
Discharge Zip: 92603

SLIC:

Region: STATE

Facility Status: Completed - Case Closed

Status Date: 01/15/2002 Global Id: 70608168988

Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number: H02724-001 Latitude: 33.149226 Longitude: -117.341591

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: Not reported Site History: Not reported

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

SAN DIEGO CO. SAM:

Case Number: H02724-001

Agency: DEH Site Assessment & Mitigation

Funding: Private - VAP

Facility Type: GW With No Beneficial Use Designation

Facility Status: Closed Case
Date: 1/15/2002
Date Began: 12/3/2001

ENVIROSTOR:

Facility ID: 37000049

Status: Refer: 1248 Local Agency

Status Date: 12/17/2001
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO

Regulatory Agencies: NONE SPECIFIED Lead Agency: NONE SPECIFIED NONE SPECIFIED Not reported

Supervisor: Referred - Not Assigned Division Branch: Cleanup Cypress

Assembly: 76 Senate: 38

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Not Applicable Latitude: 33.14917 Longitude: -117.3415

APN: NONE SPECIFIED

Direction Distance

Elevation Site Database(s) EPA ID Number

SEA BREEZE VILLAS (Continued)

S105693451

EDR ID Number

Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 37000049

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported Completed Sub Area Name: Not reported Completed Document Type: Not reported Comments: Not reported Not reported Comments: Not reported

Future Area Name: Not reported Not reported Future Sub Area Name: Future Document Type: Not reported Not reported Future Due Date: Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Not reported Schedule Due Date: Schedule Revised Date: Not reported

78 CARLSBAD VHF STATION SKI

ENVIROSTOR \$107736080

N/A

ESE 1/2-1

CARLSBAD, CA

0.582 mi. 3074 ft.

ENVIROSTOR:

Relative: Higher

Facility ID: 80000224

Status: Inactive - Needs Evaluation

Actual: 110 ft.

Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation

Site Type Detailed: **FUDS** Not reported Acres: NPL: NO Regulatory Agencies: **SMBRP** Lead Agency: **SMBRP** Program Manager: Not reported Douglas Bautista Supervisor: Division Branch: Cleanup Cypress

Assembly: 76 Senate: 38

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED

Funding: DERA
Latitude: 33.13527
Longitude: -117.3222

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F541300

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CARLSBAD VHF STATION SKI (Continued)

S107736080

Alias Type: Federal Facility ID J09CA0298 Alias Name: **INPR** Alias Type: 80000224 Alias Name:

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

Not reported Future Area Name: Future Sub Area Name: Not reported Not reported Future Document Type: Not reported Future Due Date: 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

79 **BURROUGHS CORP (UNISYS)** SE **5600 AVENIDA ENCINAS** CARLSBAD, CA 92008 1/2-1

0.653 mi. 3450 ft.

Relative: Higher

Actual: 58 ft.

RCRA-TSDF 1000368166 **CERC-NFRAP** CAD047784871 **CORRACTS**

FINDS HIST CORTESE **SLIC HIST UST ENF ENVIROSTOR** 2020 COR ACTION **HWP**

RCRA-SQG

RCRA-TSDF:

Date form received by agency: 09/01/1996

BURROUGHS CORP (UNISYS) Facility name: Facility address: 5600 AVENIDA ENCINAS

CARLSBAD, CA 92008

EPA ID: CAD047784871 Not reported Contact: Contact address: Not reported Not reported Contact country: Not reported

Contact telephone: Not reported Contact email: Not reported 09

EPA Region:

Land type: Facility is not located on Indian land. Additional information is not known.

Classification:

Description: Handler is engaged in the treatment, storage or disposal of hazardous

waste

Owner/Operator Summary:

BURROUGHS CORPORATION Owner/operator name: Owner/operator address: 5600 AVENIDA ENCINAS CARLSBAD, CA 92008

Direction Distance

Elevation Site Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

Owner/operator country: Not reported
Owner/operator telephone: (714) 438-3000
Legal status: Private

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BURROUGHS CORPORATION Owner/operator address: 5600 AVENIDA ENCINAS

CITY NOT REPORTED, CA 99999

Owner/operator country: Not reported
Owner/operator telephone: (714) 438-3000
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: Mixed waste (haz. and radioactive): No Recycler of hazardous waste: Nο 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: 07/16/1980

Site name: BURROUGHS CORP (UNISYS)
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 05/28/1987

Event: Stabilization Measures Implemented, Groundwater extraction and

treatment (e.g., to achieve groundwater containment, to achieve MCL).

Event date: 06/02/1987 Event: RFA Completed

Event date: 09/30/1987 Event: RFA Completed

Event date: 09/29/1988 Event: CA049PA

Event date: 11/10/1988 Event: CA049RE Map ID MAP FINDINGS
Direction

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

Event date:

Event: CA Prioritization, Facility or area was assigned a medium corrective

action priority.

11/10/1988

Event date: 11/10/1988 Event: CA074ME

Event date: 11/10/1988 Event: CA029WQ

Event date: 04/30/1990

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: 04/30/1990

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: 04/30/1990

Event: Stabilization Construction Completed

Event date: 05/18/1990 Event: CA036WQ

Event date: 11/09/1994

Event: Stabilization Measures Evaluation, This facility is not amenable to

stabilization activity at the present time for reasons other than 1-it appears to be technically infeasible or inappropriate (NF) or 2-there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at

the facility, or other administrative considerations.

Event date: 11/18/1994

Event: CA Prioritization, Facility or area was assigned a low corrective

action priority.

Event date: 05/21/1996 Event: RFA Completed

Event date: 05/31/2012

1000368166

Direction Distance

Elevation Site Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

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: 05/31/2012 Event: CA550RC

Event date: Not reported Event: CA03191

Facility Has Received Notices of Violations:

Regulation violated:

Not reported

Area of violation: TSD - Financial Requirements

Date violation determined: 04/18/1989
Date achieved compliance: 05/17/1989
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/08/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 04/18/1989

Evaluation: FINANCIAL RECORD REVIEW Area of violation: TSD - Financial Requirements

Date achieved compliance: 05/17/1989
Evaluation lead agency: State

Evaluation date: 03/15/1988

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/04/1988

Evaluation: FINANCIAL RECORD REVIEW

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

CERC-NFRAP:

Site ID: 0901382

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13287255.00000

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

Person ID: 13003854.00000

Contact Sequence ID: 13292850.00000 Person ID: 13003858.00000

Contact Sequence ID: 13298708.00000 Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY Date Started: // Date Completed: 05/01/81 Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT

Date Started: 05/01/84 Date Completed: 11/01/87

Priority Level: Low priority for further assessment

RESOURCE CONSERVATION AND RECOVERY ACT FACILITY ASSESSMENT Action:

Date Started: 11 10/06/87 Date Completed: Priority Level: Not reported

Action: ARCHIVE SITE

Date Started: Date Completed: 11/10/88 Priority Level: Not reported

PRELIMINARY ASSESSMENT Action:

Date Started: / /

Date Completed: 11/10/88

Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

CORRACTS:

EPA ID: CAD047784871

EPA Region: 09

ENTIRE FACILITY Area Name: 19870602 Actual Date:

Action: CA050 - RFA Completed

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: 19870602 Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 19941109

Action: CA225NR - Stabilization Measures Evaluation, This facility is, not

amenable to stabilization activity at the, present time for reasons

other than (1) it appears to be technically, infeasible or

inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of

Direction Distance

Elevation Site Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

corrective action work at the facility, or other, administrative

considerations

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19881110
Action: CA029WQ
NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19881110 Action: CA074ME NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19881110

Action: CA075ME - CA Prioritization, Facility or area was assigned a medium

corrective action priority

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY

 Actual Date:
 19881110

 Action:
 CA049RE

 NAICS Code(s):
 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY
Actual Date: 19900518
Action: CA036WQ
NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: 19881117 Schedule end date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EPA ID: CAD047784871

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 19941118

Action: CA075LO - CA Prioritization, Facility or area was assigned a low

corrective action priority

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 19960521

Action: CA050 - RFA Completed

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: 19960521 Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: **ENTIRE FACILITY**

Actual Date: 19870528

CA600GW - Stabilization Measures Implemented, Groundwater extraction Action:

and treatment

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region:

ENTIRE FACILITY Area Name:

Actual Date: 19880929 CA049PA Action: NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

ENTIRE FACILITY Area Name:

Actual Date: 19900430

Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,

Migration of Contaminated Groundwater Under Control has been verified

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region:

Area Name: **ENTIRE FACILITY**

Actual Date: 19900430

Direction Distance

Elevation Site Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: 19900430 Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19900430

Action: CA650 - Stabilization Construction Completed

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 19870930

Action: CA050 - RFA Completed

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 20120531

Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human

Exposures Under Control has been verified

NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: 20120630 Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY

 Actual Date:
 20120531

 Action:
 CA550RC

 NAICS Code(s):
 334419

Other Electronic Component Manufacturing

Original schedule date: 20120630 Schedule end date: Not reported

EPA ID: CAD047784871

EPA Region: 09

Area Name: ENTIRE FACILITY
Actual Date: Not reported
Action: CA03191
NAICS Code(s): 334419

Other Electronic Component Manufacturing

Original schedule date: 19911001 Schedule end date: Not reported

Direction Distance Elevation

Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

FINDS:

Registry ID: 110000609592

Environmental Interest/Information System

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

corrective action activities required under RCRA.

HIST CORTESE:

Region: **CORTESE** Facility County Code: 37 Reg By: CALSI Reg Id: 37270258

SLIC:

Region: STATE

Facility Status: Completed - Case Closed

Status Date: 12/01/1996 T10000002525 Global Id:

Lead Agency: SAN DIEGO RWQCB (REGION 9)

Lead Agency Case Number: Not reported Latitude: 33.1266260841567 Longitude: -117.326452732086 Case Type: Cleanup Program Site

Case Worker: Not reported Local Agency: Not reported 02-0382 RB Case Number: File Location: Regional Board

Potential Media Affected:

Other Groundwater (uses other than drinking water), Soil Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Other Chlorinated Hydrocarbons

Site History: This a a RCRA Subtitle C Corrective Action case. Active ground-water

extraction and treatment was in effect from December 1989 through September 1994. Post-remedial monitoring continued until August 20, 1996. The final ground-water monitoring report was submitted October 3, 1996 which demonstrated that the site was in compliance with the Cleanup and Abatement Order 87-17. DTSC considered the former

facility officailly closed in a letter dated February 24, 1989.

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

HIST UST:

Region: STATE Facility ID: 00000019533 Facility Type: Other

Other Type: **TEST & PROCUREMENT**

Total Tanks: 0006

Contact Name: JERRY SHAMES Telephone: 6194383000

BURROUGHS CORPORATION Owner Name: Owner Address: 5600 AVENIDA ENCINAS

Direction
Distance
Elevation

tance EDR ID Number evation Site Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

Owner City, St, Zip: CARLSBAD, CA 92008

001 Tank Num: Container Num: #1 Year Installed: 1982 00005000 Tank Capacity: Tank Used for: WASTE Type of Fuel: Not reported Tank Construction: 10 inches Leak Detection: Not reported

002 Tank Num: Container Num: #6 Year Installed: 1984 00000250 Tank Capacity: Tank Used for: WASTE Not reported Type of Fuel: Tank Construction: 25 inches Leak Detection: Visual

Tank Num: 003 Container Num: #5 Year Installed: 1983 Tank Capacity: 00000250 Tank Used for: WASTE Type of Fuel: Not reported Tank Construction: 25 inches Leak Detection: Visual

Tank Num: 004 Container Num: #4 Year Installed: 1983 Tank Capacity: 00000250 Tank Used for: WASTE Type of Fuel: Not reported 25 inches Tank Construction: Leak Detection: Visual

005 Tank Num: Container Num: #3 Year Installed: 1983 Tank Capacity: 00000250 Tank Used for: WASTE Type of Fuel: Not reported Tank Construction: 25 inches Leak Detection: Visual

Tank Num: 006 Container Num: #2 Year Installed: 1974 00000600 Tank Capacity: Tank Used for: WASTE Type of Fuel: Not reported Tank Construction: 8 inches Leak Detection: Visual

1000368166

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

ENF:

9 Region: 269060 Facility Id: Agency Name: Unisys Place Type: Manufacturing Place Subtype: Manufacturing NEC Facility Type: All other facilities

Agency Type: Privately-Owned Business

Of Agencies:

Place Latitude: 33.127116000000 -117.3255889999 Place Longitude:

SIC Code 1: 3471

SIC Desc 1: Electroplating, Plating, Polishing, Anodizing, and Coloring

Unregulated

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported Not reported NAICS Desc 2: NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: Reg Meas Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported UNREGS Program Category2: Not reported # Of Programs: WDID: 9 000084N94 162602 Reg Measure Id:

Region:

Reg Measure Type:

Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Historical Status Date: 06/17/2005 Effective Date: Not reported Expiration/Review Date: Not reported Not reported Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported

Status Enrollee: Ν Individual/General: Not reported Fee Code: Not reported Passive Direction/Voice: Enforcement Id(EID): 220975 Region: Order / Resolution Number: 87-017A2

Enforcement Action Type: Clean-up and Abatement Order

05/25/1990 Effective Date: Adoption/Issuance Date: Not reported Achieve Date: 1997-03-01 Termination Date: Not reported ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical

Title: Enforcement - 9 000084N94

ADDENDUM NO. 2 TO 87-17 TO CLEANUP OF CHLORINATED Description:

HYDROCARBONS DRUM STORAGE AREA.

Program: **ENFCAO** Latest Milestone Completion Date: 1997-03-01

Of Programs1: **Total Assessment Amount:** 0 Initial Assessed Amount: 0 Liability \$ Amount: 0 Project \$ Amount: 0 Liability \$ Paid: 0 Project \$ Completed: 0 Total \$ Paid/Completed Amount: 0

Region: 9 Facility Id: 269060 Agency Name: Unisys Place Type: Manufacturing Place Subtype: Manufacturing NEC Facility Type: All other facilities

Privately-Owned Business Agency Type:

Of Agencies:

Place Latitude: 33.127116000000 Place Longitude: -117.3255889999

SIC Code 1: 3471

Electroplating, Plating, Polishing, Anodizing, and Coloring SIC Desc 1:

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported Not reported NAICS Code 2: NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places:

Source Of Facility: Reg Meas Design Flow: Not reported

MAP FINDINGS Map ID Direction

Distance

Elevation Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

Threat To Water Quality: Not reported Not reported Complexity: Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Not reported Program: Program Category1: Not reported Program Category2: **UNREGS** # Of Programs: Not reported 9 000084N94 WDID: 162602 Reg Measure Id: Reg Measure Type: Unregulated Region:

Order #: Not reported Npdes# CA#: Not reported Not reported Major-Minor: Npdes Type: Not reported Not reported Reclamation: Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Historical 06/17/2005 Status Date: Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee:

Individual/General: Not reported Not reported Fee Code: Direction/Voice: **Passive** Enforcement Id(EID): 220333 Region: 9 Order / Resolution Number: 97-034

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 03/01/1997 Not reported Adoption/Issuance Date: Achieve Date: 1997-03-01 Not reported Termination Date: ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Title: Enforcement - 9 000084N94

UNKNOWN Description: Program: **ENFCAO** Latest Milestone Completion Date: Not reported

Of Programs1: Total Assessment Amount: 0 Initial Assessed Amount: 0 Liability \$ Amount: 0

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

Project \$ Amount: 0 0 Liability \$ Paid: Project \$ Completed: 0 Total \$ Paid/Completed Amount: 0

269060 Facility Id: Agency Name: Unisys Place Type: Manufacturing Place Subtype: Manufacturing NEC Facility Type: All other facilities

Privately-Owned Business Agency Type:

Of Agencies:

Place Latitude: 33.127116000000 -117.3255889999 Place Longitude:

SIC Code 1: 3471

SIC Desc 1: Electroplating, Plating, Polishing, Anodizing, and Coloring

Unregulated

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported Not reported NAICS Desc 2: NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places:

Source Of Facility: Reg Meas Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **UNREGS** # Of Programs: Not reported WDID: 9 000084N94 Reg Measure Id: 162602

Region:

Reg Measure Type:

Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Not reported Dredge Fill Fee: 301H: Not reported Application Fee Amt Received: Not reported Status: Historical Status Date: 06/17/2005 Effective Date: Not reported Expiration/Review Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

Termination Date:

WDR Review - Amend:

WDR Review - Revise/Renew:

WDR Review - Rescind:

WDR Review - Rescind:

WDR Review - No Action Required:

WDR Review - Pending:

WDR Review - Planned:

Not reported

Individual/General:

Fee Code:
Direction/Voice:
Enforcement Id(EID):
Region:
Order / Resolution Number:

Not reported
Not reported
220332
Passive
220332
87-017

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 05/28/1987
Adoption/Issuance Date: Not reported
Achieve Date: 1997-03-01
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000084N94

Description: UNKNOWN
Program: ENFCAO
Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Region: 9
Facility Id: 269060
Agency Name: Unisys
Place Type: Manufacturing
Place Subtype: Manufacturing NEC
Facility Type: All other facilities
Agency Type: Privately-Owned Business

Of Agencies:

 Place Latitude:
 33.127116000000

 Place Longitude:
 -117.3255889999

SIC Code 1: 3471

SIC Desc 1: Electroplating, Plating, Polishing, Anodizing, and Coloring

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported Not reported SIC Desc 3: NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported Map ID MAP FINDINGS

Direction Distance Elevation

ation Site Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

Of Places:

Reg Meas Source Of Facility: Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Not reported Facility Waste Type: Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Not reported Program Category1: Program Category2: UNREGS # Of Programs: Not reported 9 000084N94 WDID: Reg Measure Id: 162602 Reg Measure Type: Unregulated

Region: 9

Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported Not reported 301H: Application Fee Amt Received: Not reported Status: Historical Status Date: 06/17/2005 Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: N

Individual/General:

Fee Code:

Direction/Voice:

Enforcement Id(EID):

Region:

Order / Resolution Number:

Not reported
Passive
Passive
220331
89
87-017A1

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 09/09/1987
Adoption/Issuance Date: Not reported
Achieve Date: 1997-03-01
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000084N94

Description: UNKNOWN
Program: ENFCAO
Latest Milestone Completion Date: Not reported

Of Programs1:

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

Total Assessment Amount: 0 0 Initial Assessed Amount: Liability \$ Amount: 0 Project \$ Amount: 0 Liability \$ Paid: 0 Project \$ Completed: 0 Total \$ Paid/Completed Amount: 0

ENVIROSTOR:

Facility ID: 37270258 Status: Refer: RCRA Status Date: 08/28/1995 400350 Site Code: Site Type: Historical Site Type Detailed: * Historical Acres: Not reported NPL: NO

Regulatory Agencies: NONE SPECIFIED NONE SPECIFIED Lead Agency: Program Manager: Not reported Supervisor: * Mmonroy Division Branch: Cleanup Cypress

Assembly: 76 38 Senate:

Special Program: Not reported

NO Restricted Use:

Site Mgmt Req: NONE SPECIFIED Funding: Not reported Latitude: 33.12683 Longitude: -117.3268

APN: NONE SPECIFIED Past Use: NONE SPECIFIED

* CONTAMINATED SOIL * ACID SOLUTION 2>PH WITH METALS * ALKALINE Potential COC:

SOLUTION WITHOUT METALS * UNSPECIFIED ALKALINE SOLUTIONS *

UNSPECIFIED SOLVENT MIXTURES

Confirmed COC: NONE SPECIFIED NONE SPECIFIED Potential Description: Alias Name: UNISYS Alias Type: Alternate Name Alias Name: CAD047784871

EPA Identification Number Alias Type:

Alias Name: 110000609592 Alias Type: EPA (FRS#) 400350 Alias Name:

Alias Type: Project Code (Site Code)

Alias Name: 37270258

Alias Type: **Envirostor ID Number**

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: * Discovery Completed Date: 03/22/1983

FACILITY IDENTIFIED ID VIA EPA PRINTOUT Comments:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

Completed Document Type: Site Screening Completed Date: 10/27/1994

Comments: Database verification project confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/19/1989

Comments: Site screening done fit PA reassessment completed 9/29/88 NFA under

CERCLA recommended; DHS agrees facility closure plw approved 9/15/89

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment Report

Completed Date: 03/01/1984

Comments: SOURCE ACT: RWQCB MEMO 7/27/83 - Design process & MFG of printed-

circuit boards. Involved electroplating & solvent STRIPG YR OF OPER: APCD 7/20/83 1968-Present. FAC TYPE: W Hypalon-lined Evap/Storage

ponds. Waste: Electro- plating process WST 35000gal/D acidic

solution W/metals & 50T/yr of solid waste. Waste Quant: RWQCB Memo 11/16/80 lined ponds contained 500000gals of wastewater W/CU-450 TO

500 MG/L. Submit to EPA Prelim Assess Done RCRA 3012

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 Not reported Schedule Document Type: Schedule Due Date: Not reported Schedule Revised Date: Not reported

Facility ID: 80001398
Status: Refer: RWQCB
Status Date: 01/01/2008
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action

Acres: 0
NPL: NO
Regulatory Agencies: RWQCB
Lead Agency: WQC
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Cypress

Assembly: 76 Senate: 38

Special Program: Not reported

Restricted Use:

Site Mgmt Req: NONE SPECIFIED Funding: Not reported Latitude: 33.12727 Longitude: -117.3255

NO

APN: NONE SPECIFIED Past Use: NONE SPECIFIED Potential COC: NONE SPECIFIED

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

BURROUGHS CORP (UNISYS) (Continued)

1000368166

EDR ID Number

Confirmed COC: NONE SPECIFIED Potential Description: NONE SPECIFIED Alias Name: CAD047784871

Alias Type: EPA Identification Number

 Alias Name:
 110000609592

 Alias Type:
 EPA (FRS #)

 Alias Name:
 37270258

Alias Type: Envirostor ID Number

Alias Name: 80001398

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment Report

Completed Date: 11/10/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Interim Measures Workplan

Completed Date: 05/28/1987 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Assessment Report

Completed Date: 09/29/1988 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Interim Measures Implementation Report

Completed Date: 04/30/1990 Comments: 04/30/1990

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 06/02/1987

Comments: Original RFA conducted by USEPA

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 05/21/1996

Comments: DTSC conducted RFA (2nd RFA) and determined further investigation was

needed for former SWMUs. However, the investigation work was referred

to the WB since WB was lead agency for Corr. Action.

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Human Exposure Controlled

Completed Date: 05/31/2012 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

Completed Document Type: Consent Agreement Completed Date: 05/28/1987 Not reported Comments:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Remedy Constructed

Completed Date: 05/31/2012 Comments: Not reported

PROJECT WIDE Completed Area Name: Completed Sub Area Name: Not reported Completed Document Type: * Other Instrument Completed Date: 03/30/1981 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Interim Measures Questionnaire

Completed Date: 11/09/1994 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: **Groundwater Migration Controlled**

Completed Date: 04/30/1990 Comments: Not reported

PROJECT WIDE Future Area Name: Future Sub Area Name: Not reported Remedy Constructed Future Document Type:

Future Due Date: 2015

Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Not reported Schedule Document Type: Not reported Schedule Due Date: Schedule Revised Date: Not reported

2020 COR ACTION:

EPA ID: CAD047784871

Region:

Action: Not reported

HWP:

CAD047784871 EPA Id: Cleanup Status: CLOSED Latitude: 33.12727 Longitude: -117.3255

Historical - Non-Operating Facility Type:

Facility Size: Not reported Team: Not reported Supervisor: Not reported Site Code: Not reported

Assembly District: 76 Senate District: 36

Public Information Officer: Not reported Map ID MAP FINDINGS

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURROUGHS CORP (UNISYS) (Continued)

1000368166

Closure:

EPA Id: CAD047784871

Facility Type: Historical - Non-Operating

CONTAIN1, SURFIMP1 (GPRA Unit), TANKSTR1 Unit Names: Closure Final - RECEIVE CLOSURE CERTIFICATION **Event Description:**

07/19/1988 Actual Date:

EPA Id: CAD047784871

Historical - Non-Operating Facility Type:

CONTAIN1, SURFIMP1 (GPRA Unit), TANKSTR1 Unit Names: Event Description: Closure Final - ISSUE CLOSURE VERIFICATION

Actual Date: 11/01/1990

Alias:

EPA Id: CAD047784871

Facility Type: Historical - Non-Operating Alias Type: **Envirostor ID Number**

Alias: 37270258

EPA Id: CAD047784871

Facility Type: Historical - Non-Operating

Alias Type: **FRS**

Alias: 110000609592 Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CARLSBAD	S106061658	SOUTH CARLSBAD STATE BEACH	HWY 101	92008	San Diego Co. HMMD
CARLSBAD	S106065176	R.F. WHITE FUEL TRUCK SPILL	HWY 5	92008	San Diego Co. HMMD
CARLSBAD	S105255845	FALLBROOK SD WATER REUSE	CARLSBAD TO CAMP PENDLETON	92008	WDS
CARLSBAD	S105023080	GASCO SERVICE STATION	920 CARLSBAD VALLEY	92008	HIST CORTESE
CARLSBAD	S105023077	FIRE DEPARTMENT STATION #	1275 CARLSBAD VALLEY	92008	HIST CORTESE
CARLSBAD	S105023076	FLEET MAINTENANCE DIVISIO	1200 CARLSBAD VALLEY	92008	HIST CORTESE
CARLSBAD	S105023075	SHELL SERVICE STATION #	1145 CARLSBAD VALLEY	92008	HIST CORTESE
CARLSBAD	1003878984	CARLSBAD	CARLSBAD	92008	CERC-NFRAP
CARLSBAD	S106797726	CANNON COURT	NORTHWEST CORNER OF CANNON RD	92008	ENVIROSTOR
CARLSBAD	S100178241	ENCINA SEWAGE TREATMENT PLANT	DIGESTER #3		Notify 65
CARLSBAD	S109348922	COCA COLA BOTTLING TRUCK SPIL	0 HWY I5 NORTH OF LA COSTA EXI	92011	SAN DIEGO CO. SAM
CARLSBAD	S112907691	AMERICAN DESIGN PAINTING INC	INTERSECT HWY 101 & POINSETTA	92008	HAZNET
CARLSBAD	1016426797	BUENA WASTE WATER PUMP STATION	2140 JEFFERSON STREET	92008	FINDS
CARLSBAD	S105155625	FLOWER FIELDS COMPOST SITE	WEST OF HIDDEN VALLEY ROAD		SWF/LF
CARLSBAD	S110732381	CARLSBAD DOUBLE TRACK PROJECT	RR ROW W OF I5 E OF CARLSBAD B	92008	NPDES
CHULA VISTA	1003878449	APACHE SERV LDFL	4551 OTAY VLY RD NR OTAY RIV	92011	CERC-NFRAP
FALLBROOK	1011835474	RAINBOW MUNICIPAL WATER DISTRICT	3707 SOUTH HWY. 395	92008	RMP
OTAY	1003879080	NELSON & SLOAN	7TH & MAIN	92011	CERC-NFRAP, US MINES, ENVIROS
SAN DIEGO	S112991770	CALTRANS D-11 / EA11-2M1304	I-5 & I-15 @ RTE 78	92008	HAZNET
SAN DIEGO	S110733775	HILTON CARLSBAD OCEANFRONT	INTERSECTION CARLSBAD BLVD	92011	NPDES

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: 10/25/2013 Source: EPA
Date Data Arrived at EDR: 11/11/2013 Telephone: N/A

Date Made Active in Reports: 01/28/2014 Last EDR Contact: 07/08/2014

Number of Days to Update: 78 Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 10/25/2013 Source: EPA
Date Data Arrived at EDR: 11/11/2013 Telephone: N/A

Number of Days to Update: 78 Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 01/28/2014

Number of Days to Update: 78

Source: EPA Telephone: N/A

Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 08/28/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 07/08/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA Telephone: 703-412

Telephone: 703-412-9810 Last EDR Contact: 08/28/2014

Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/19/2014 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 07/15/2014 Number of Days to Update: 116

Telephone: 703-603-0695 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Varies

Source: Environmental Protection Agency

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 03/19/2014 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 07/15/2014

Number of Days to Update: 116

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014

Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2014 Date Data Arrived at EDR: 05/30/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 18

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 08/14/2014

Next Scheduled EDR Contact: 12/01/2014 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013 Date Data Arrived at EDR: 10/01/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 66

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 07/03/2014

Next Scheduled EDR Contact: 07/14/2014 Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 06/05/2014 Date Data Arrived at EDR: 06/06/2014 Date Made Active in Reports: 07/09/2014

Number of Days to Update: 33

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/06/2014

Next Scheduled EDR Contact: 11/17/2014 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: 06/05/2014 Date Data Arrived at EDR: 06/06/2014 Date Made Active in Reports: 07/09/2014

Number of Days to Update: 33

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/06/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/19/2014 Date Data Arrived at EDR: 05/20/2014 Date Made Active in Reports: 05/22/2014

Number of Days to Update: 2

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 08/18/2014

Next Scheduled EDR Contact: 12/01/2014 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 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: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 07/30/2014 Date Data Arrived at EDR: 07/31/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 22

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 07/31/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 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 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

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 07/30/2014 Date Data Arrived at EDR: 07/31/2014 Date Made Active in Reports: 08/25/2014

Number of Days to Update: 25

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 07/31/2014

Next Scheduled EDR Contact: 09/29/2014

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004 Date Data Arrived at EDR: 11/18/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014 Date Data Arrived at EDR: 06/10/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 73

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014
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: 08/04/2014 Date Data Arrived at EDR: 08/05/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 17

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 184

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/01/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/28/2014 Date Data Arrived at EDR: 05/01/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 47

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014 Date Data Arrived at EDR: 05/15/2014 Date Made Active in Reports: 07/15/2014

Number of Days to Update: 61

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/20/2014 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014 Date Data Arrived at EDR: 08/12/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 10

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/22/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014 Date Data Arrived at EDR: 08/15/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 7

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/30/2014 Date Data Arrived at EDR: 07/31/2014 Date Made Active in Reports: 08/20/2014

Number of Days to Update: 20

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 07/31/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009 Date Data Arrived at EDR: 09/10/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 21

Source: California Environmental Protection Agency

Telephone: 916-327-5092 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 01/27/2014

Number of Days to Update: 271

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/01/2014

Next Scheduled EDR Contact: 11/10/2014 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: 07/30/2014 Date Data Arrived at EDR: 08/12/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 10

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/22/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014 Date Data Arrived at EDR: 08/05/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 17

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 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: 07/25/2014 Date Data Arrived at EDR: 07/28/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 25

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/28/2014 Date Data Arrived at EDR: 05/01/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 47

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014 Date Data Arrived at EDR: 08/15/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 7

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014 Date Data Arrived at EDR: 06/10/2014 Date Made Active in Reports: 08/15/2014

Number of Days to Update: 66

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 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: 08/14/2014 Date Data Arrived at EDR: 08/15/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 7

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

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: 07/08/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 05/30/2014 Date Data Arrived at EDR: 07/01/2014 Date Made Active in Reports: 08/15/2014

Number of Days to Update: 45

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 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

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: 06/05/2014 Date Data Arrived at EDR: 06/06/2014 Date Made Active in Reports: 07/09/2014

Number of Days to Update: 33

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/06/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 07/03/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 25

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 07/03/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258

Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside

County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/25/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/16/2014 Date Data Arrived at EDR: 06/17/2014 Date Made Active in Reports: 07/11/2014

Number of Days to Update: 24

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/17/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

> Date of Government Version: 02/18/2014 Date Data Arrived at EDR: 02/20/2014 Date Made Active in Reports: 03/27/2014

Number of Days to Update: 35

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 08/14/2014

Next Scheduled EDR Contact: 12/01/2014 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: 08/01/2014

Next Scheduled EDR Contact: 11/17/2014

Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 08/07/2014

Next Scheduled EDR Contact: 11/24/2014 Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 07/15/2014

Number of Days to Update: 25

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 09/03/2014

Next Scheduled EDR Contact: 12/15/2014 Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 06/05/2014 Date Data Arrived at EDR: 06/06/2014 Date Made Active in Reports: 07/09/2014

Number of Days to Update: 33

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/06/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995 Date Data Arrived at EDR: 08/30/1995 Date Made Active in Reports: 09/26/1995

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 02/28/2014 Date Made Active in Reports: 03/20/2014

Number of Days to Update: 20

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 08/29/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 07/15/2014

Number of Days to Update: 25

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 09/03/2014

Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994 Date Data Arrived at EDR: 09/05/1995 Date Made Active in Reports: 09/29/1995

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009 Date Data Arrived at EDR: 09/23/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 8

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 08/28/2014

Next Scheduled EDR Contact: 12/15/2014 Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005

Date Made Active in Reports: 08/11/2005

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/06/2014 Date Made Active in Reports: 05/19/2014

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 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: 06/09/2014 Date Data Arrived at EDR: 06/11/2014 Date Made Active in Reports: 07/09/2014

Number of Days to Update: 28

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 06/11/2014

Next Scheduled EDR Contact: 09/22/2014 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: 03/31/2014
Date Data Arrived at EDR: 04/01/2014
Date Made Active in Reports: 07/15/2014

Number of Days to Update: 105

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 02/04/2014 Date Data Arrived at EDR: 04/29/2014 Date Made Active in Reports: 05/09/2014

Number of Days to Update: 10

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 07/28/2014

Next Scheduled EDR Contact: 11/10/2014 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

Date of Government Version: 07/30/2014 Date Data Arrived at EDR: 07/31/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 22

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 07/31/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 07/30/2014 Date Data Arrived at EDR: 07/31/2014 Date Made Active in Reports: 08/25/2014

Number of Days to Update: 25

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 07/31/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/22/2013

Number of Days to Update: 50

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 08/06/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 02/28/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 55

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 06/04/2014

Next Scheduled EDR Contact: 09/22/2014 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: 12/31/2013 Date Data Arrived at EDR: 01/24/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 06/30/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical

and health information to aid in the cleanup.

Date of Government Version: 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: 06/10/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 08/20/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/30/2014 Date Data Arrived at EDR: 03/05/2014 Date Made Active in Reports: 07/15/2014

Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 09/04/2014

Next Scheduled EDR Contact: 12/15/2014 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/31/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 44

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 08/29/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 06/25/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: Every 4 Years

FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667

Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 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: 05/06/2014 Date Data Arrived at EDR: 05/16/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/09/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013 Date Data Arrived at EDR: 07/17/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 107

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013 Date Data Arrived at EDR: 08/02/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 91

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2014 Date Data Arrived at EDR: 07/10/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 18

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/10/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013 Date Data Arrived at EDR: 02/27/2014 Date Made Active in Reports: 03/12/2014

Number of Days to Update: 13

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 06/13/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Telephone: 202-564-4104

Source: EPA

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

Number of Days to Update: 35

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 05/23/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 66

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 52

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 08/29/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 01/15/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Deaprtment of Conservation Telephone: 916-445-2408

Last EDR Contact: 06/20/2014

Next Scheduled EDR Contact: 09/29/2014

Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/19/2014 Date Data Arrived at EDR: 05/20/2014 Date Made Active in Reports: 05/28/2014

Number of Days to Update: 8

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 05/20/2014

Next Scheduled EDR Contact: 09/01/2014 Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/30/2014 Date Data Arrived at EDR: 07/01/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 27

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993 Date Data Arrived at EDR: 11/01/1993 Date Made Active in Reports: 11/19/1993

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 06/17/2014

Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 06/28/2014 Date Data Arrived at EDR: 07/03/2014 Date Made Active in Reports: 08/21/2014

Number of Days to Update: 49

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 06/25/2014

Next Scheduled EDR Contact: 10/13/2014

Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 05/30/2014 Date Data Arrived at EDR: 05/30/2014 Date Made Active in Reports: 07/07/2014

Number of Days to Update: 38

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 08/08/2014

Next Scheduled EDR Contact: 11/10/2014 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.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 07/16/2013 Date Made Active in Reports: 08/26/2013

Number of Days to Update: 41

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 03/25/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 34

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 06/26/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 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: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 07/25/2014

Next Scheduled EDR Contact: 11/03/2014

Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2014 Date Data Arrived at EDR: 05/20/2014 Date Made Active in Reports: 05/22/2014

Number of Days to Update: 2

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 08/14/2014

Next Scheduled EDR Contact: 12/01/2014 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/14/2014 Date Made Active in Reports: 05/22/2014

Number of Days to Update: 8

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 07/25/2014

Next Scheduled EDR Contact: 11/10/2014

Data Release Frequency: Varies

PROC: Certified Processors Database A listing of certified processors.

Date of Government Version: 06/16/2014 Date Data Arrived at EDR: 06/17/2014 Date Made Active in Reports: 07/10/2014

Number of Days to Update: 23

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/17/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 08/15/2014

Next Scheduled EDR Contact: 11/24/2014 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: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/15/2014

Next Scheduled EDR Contact: 11/24/2014 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014 Date Data Arrived at EDR: 06/12/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/20/2014 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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 07/03/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 72

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014

Data Release Frequency: N/A

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: 03/14/2014 Date Data Arrived at EDR: 06/11/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 47

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/11/2014

Next Scheduled EDR Contact: 09/22/2014 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: 08/01/2014

Next Scheduled EDR Contact: 11/10/2014 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: 05/23/2014 Date Data Arrived at EDR: 06/13/2014 Date Made Active in Reports: 07/09/2014

Number of Days to Update: 26

Source: Department of Public Health Telephone: 916-558-1784

Last EDR Contact: 06/09/2014 Next Scheduled EDR Contact: 09/22/2014

Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/14/2014 Date Data Arrived at EDR: 07/15/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 07/15/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/27/2014 Date Data Arrived at EDR: 05/28/2014 Date Made Active in Reports: 07/07/2014

Number of Days to Update: 40

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/26/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013 Date Data Arrived at EDR: 11/06/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 30

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 06/25/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/23/2013 Date Data Arrived at EDR: 11/06/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 30

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 06/25/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 38

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 08/14/2014

Next Scheduled EDR Contact: 12/01/2014 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

Telephone: N/A Last EDR Contact: N/A

Source: EDR, Inc.

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR 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: 04/22/2014 Date Data Arrived at EDR: 04/24/2014

Source: Alameda County Environmental Health Services

Date Made Active in Reports: 05/09/2014

Telephone: 510-567-6700 Last EDR Contact: 06/30/2014

Number of Days to Update: 15

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/25/2014 Date Data Arrived at EDR: 07/28/2014

Source: Alameda County Environmental Health Services

Date Made Active in Reports: 08/20/2014

Telephone: 510-567-6700 Last EDR Contact: 06/30/2014

Number of Days to Update: 23

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List Cupa Facility List

> Date of Government Version: 07/23/2014 Date Data Arrived at EDR: 06/26/2014 Date Made Active in Reports: 07/25/2014

Telephone: 209-223-6439 Last EDR Contact: 09/08/2014

Number of Days to Update: 29

Next Scheduled EDR Contact: 12/22/2014

Source: Amador County Environmental Health

Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing Cupa facility list.

> Date of Government Version: 08/01/2013 Date Data Arrived at EDR: 08/02/2013 Date Made Active in Reports: 08/22/2013

Number of Days to Update: 20

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing Cupa Facility Listing

> Date of Government Version: 07/02/2014 Date Data Arrived at EDR: 07/03/2014 Date Made Active in Reports: 07/30/2014

Number of Days to Update: 27

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 06/26/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List Cupa facility list.

> Date of Government Version: 06/11/2014 Date Data Arrived at EDR: 06/13/2014 Date Made Active in Reports: 07/07/2014

Number of Days to Update: 24

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 08/08/2014

Next Scheduled EDR Contact: 11/24/2014 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: 02/24/2014 Date Data Arrived at EDR: 02/25/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 21

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 08/05/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

> Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 05/06/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 7

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 07/30/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/29/2014 Date Data Arrived at EDR: 05/30/2014 Date Made Active in Reports: 07/07/2014

Number of Days to Update: 38

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 08/05/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/30/2014 Date Data Arrived at EDR: 07/15/2014 Date Made Active in Reports: 08/19/2014

Number of Days to Update: 35

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 07/11/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 06/09/2014 Date Data Arrived at EDR: 06/11/2014 Date Made Active in Reports: 07/07/2014

Number of Days to Update: 26

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 08/20/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/28/2014 Date Data Arrived at EDR: 04/30/2014 Date Made Active in Reports: 05/13/2014

Number of Days to Update: 13

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 07/25/2014

Next Scheduled EDR Contact: 11/10/2014 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: 08/20/2014

Next Scheduled EDR Contact: 12/08/2014

Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010 Date Data Arrived at EDR: 09/01/2010 Date Made Active in Reports: 09/30/2010

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 08/08/2014

Next Scheduled EDR Contact: 11/24/2014 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: 05/28/2014 Date Data Arrived at EDR: 05/30/2014 Date Made Active in Reports: 06/20/2014

Number of Days to Update: 21

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 08/20/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 07/23/2014 Date Data Arrived at EDR: 07/25/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 28

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 11/03/2014 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: 06/19/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/31/2014 Date Data Arrived at EDR: 06/06/2014 Date Made Active in Reports: 07/17/2014

Number of Days to Update: 41

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 07/21/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/21/2014 Date Data Arrived at EDR: 07/21/2014 Date Made Active in Reports: 08/19/2014

Number of Days to Update: 29

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 07/21/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 08/14/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014 Date Data Arrived at EDR: 02/25/2014 Date Made Active in Reports: 03/25/2014

Number of Days to Update: 28

Source: Community Health Services Telephone: 323-890-7806

Last EDR Contact: 07/16/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 07/23/2014 Date Data Arrived at EDR: 07/28/2014 Date Made Active in Reports: 08/20/2014

Number of Days to Update: 23

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 11/03/2014 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: 07/28/2014 Date Data Arrived at EDR: 07/28/2014 Date Made Active in Reports: 08/20/2014

Number of Days to Update: 23

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 07/25/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/13/2014 Date Data Arrived at EDR: 03/27/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 32

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 07/25/2014

Next Scheduled EDR Contact: 10/27/2014 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: 06/09/2014 Date Data Arrived at EDR: 06/11/2014 Date Made Active in Reports: 06/27/2014

Number of Days to Update: 16

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 08/26/2014

Next Scheduled EDR Contact: 12/08/2014

Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 07/02/2014 Date Data Arrived at EDR: 07/07/2014 Date Made Active in Reports: 08/18/2014

Number of Days to Update: 42

Source: Public Works Department Waste Management

Telephone: 415-499-6647

Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/27/2014 Date Data Arrived at EDR: 05/29/2014 Date Made Active in Reports: 06/24/2014

Number of Days to Update: 26

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 08/20/2014

Next Scheduled EDR Contact: 12/08/2014

Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 06/09/2014 Date Data Arrived at EDR: 06/13/2014 Date Made Active in Reports: 06/27/2014

Number of Days to Update: 14

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 09/02/2014

Next Scheduled EDR Contact: 12/15/2014

Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/09/2014 Date Data Arrived at EDR: 06/11/2014 Date Made Active in Reports: 07/09/2014

Number of Days to Update: 28

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 08/26/2014

Next Scheduled EDR Contact: 12/08/2014

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: 08/28/2014

Next Scheduled EDR Contact: 12/15/2014 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: 08/28/2014

Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 11/06/2013 Date Data Arrived at EDR: 11/07/2013 Date Made Active in Reports: 12/04/2013

Number of Days to Update: 27

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 09/02/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/15/2014 Date Made Active in Reports: 05/22/2014

Number of Days to Update: 7

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 08/07/2014

Next Scheduled EDR Contact: 11/24/2014 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 05/15/2014 Date Made Active in Reports: 05/28/2014

Number of Days to Update: 13

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 08/07/2014

Next Scheduled EDR Contact: 11/24/2014 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2014 Date Data Arrived at EDR: 08/12/2014 Date Made Active in Reports: 08/20/2014

Number of Days to Update: 8

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 08/07/2014

Next Scheduled EDR Contact: 11/24/2014 Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/09/2014 Date Data Arrived at EDR: 06/10/2014 Date Made Active in Reports: 07/09/2014

Number of Days to Update: 29

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/08/2014 Date Data Arrived at EDR: 07/11/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 17

Source: Department of Environmental Health Telephone: 951-358-5055

Last EDR Contact: 06/23/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/08/2014 Date Data Arrived at EDR: 07/11/2014 Date Made Active in Reports: 08/18/2014

Number of Days to Update: 38

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 06/23/2014

Next Scheduled EDR Contact: 10/06/2014 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: 02/06/2014 Date Data Arrived at EDR: 04/08/2014 Date Made Active in Reports: 04/29/2014

Number of Days to Update: 21

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 07/11/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/05/2014 Date Data Arrived at EDR: 07/17/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 11

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/2014 Date Data Arrived at EDR: 05/30/2014 Date Made Active in Reports: 07/07/2014

Number of Days to Update: 38

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 08/07/2014

Next Scheduled EDR Contact: 11/24/2014 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: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013 Date Data Arrived at EDR: 11/19/2013 Date Made Active in Reports: 12/31/2013

Number of Days to Update: 42

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 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: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 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: 08/07/2014

Next Scheduled EDR Contact: 11/24/2014 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: 08/07/2014

Next Scheduled EDR Contact: 11/27/2014 Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/20/2014 Date Data Arrived at EDR: 06/23/2014 Date Made Active in Reports: 07/11/2014

Number of Days to Update: 18

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 06/19/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/11/2014 Date Data Arrived at EDR: 06/13/2014 Date Made Active in Reports: 07/09/2014

Number of Days to Update: 26

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 08/20/2014

Next Scheduled EDR Contact: 12/08/2014

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: 04/03/2014 Date Data Arrived at EDR: 04/04/2014 Date Made Active in Reports: 05/01/2014

Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/16/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/16/2014 Date Data Arrived at EDR: 06/19/2014 Date Made Active in Reports: 07/10/2014

Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/13/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List Cupa facility list

Date of Government Version: 06/02/2014 Date Data Arrived at EDR: 06/03/2014 Date Made Active in Reports: 06/23/2014

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 06/02/2014

Next Scheduled EDR Contact: 09/15/2014 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: 09/02/2014

Next Scheduled EDR Contact: 12/15/2014 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/12/2014 Date Data Arrived at EDR: 05/19/2014 Date Made Active in Reports: 05/28/2014

Number of Days to Update: 9

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 08/08/2014

Next Scheduled EDR Contact: 11/24/2014 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/27/2014 Date Data Arrived at EDR: 05/28/2014 Date Made Active in Reports: 06/20/2014

Number of Days to Update: 23

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/08/2014

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/10/2014 Date Data Arrived at EDR: 06/12/2014 Date Made Active in Reports: 06/20/2014

Number of Days to Update: 8

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 08/26/2014

Next Scheduled EDR Contact: 12/08/2014

Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2014 Date Data Arrived at EDR: 06/26/2014 Date Made Active in Reports: 07/25/2014

Number of Days to Update: 29

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/13/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2014 Date Data Arrived at EDR: 06/26/2014 Date Made Active in Reports: 07/25/2014

Number of Days to Update: 29

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/13/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 01/02/2014 Date Made Active in Reports: 02/11/2014

Number of Days to Update: 40

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 06/26/2014

Next Scheduled EDR Contact: 10/13/2014 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: 07/01/2014 Date Data Arrived at EDR: 07/03/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 25

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 06/26/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/09/2014 Date Data Arrived at EDR: 06/11/2014 Date Made Active in Reports: 07/17/2014

Number of Days to Update: 36

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 09/08/2014

Next Scheduled EDR Contact: 12/22/2014 Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/16/2014 Date Data Arrived at EDR: 05/16/2014 Date Made Active in Reports: 06/13/2014

Number of Days to Update: 28

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 08/08/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/28/2014 Date Data Arrived at EDR: 05/20/2014 Date Made Active in Reports: 05/27/2014

Number of Days to Update: 7

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 08/14/2014

Next Scheduled EDR Contact: 12/01/2014 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: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 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: 08/13/2014

Next Scheduled EDR Contact: 12/01/2014 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: 04/28/2014 Date Data Arrived at EDR: 04/30/2014 Date Made Active in Reports: 05/19/2014

Number of Days to Update: 19

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 07/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/27/2014 Date Data Arrived at EDR: 06/17/2014 Date Made Active in Reports: 07/11/2014

Number of Days to Update: 24

Source: Environmental Health Division Telephone: 805-654-2813

Last EDR Contact: 06/16/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2014 Date Data Arrived at EDR: 07/07/2014 Date Made Active in Reports: 08/18/2014

Number of Days to Update: 42

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 06/19/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/19/2014 Date Data Arrived at EDR: 05/22/2014 Date Made Active in Reports: 06/19/2014

Number of Days to Update: 28

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 07/31/2014

Next Scheduled EDR Contact: 11/17/2014

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: 08/19/2014

Next Scheduled EDR Contact: 12/01/2014 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 07/17/2014

Next Scheduled EDR Contact: 10/27/2014 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: 05/01/2014 Date Data Arrived at EDR: 05/07/2014 Date Made Active in Reports: 06/10/2014

Number of Days to Update: 34

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 08/07/2014

Next Scheduled EDR Contact: 11/17/2014 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 07/21/2014 Date Made Active in Reports: 08/25/2014

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 07/15/2014 Date Made Active in Reports: 08/13/2014

Number of Days to Update: 29

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 08/26/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 08/07/2014

Number of Days to Update: 48

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/16/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ENCINA POWER STATION 4600 CARLSBAD BOULEVARD CARLSBAD, CA 92008

TARGET PROPERTY COORDINATES

Latitude (North): 33.138 - 33° 8' 16.80" Longitude (West): 117.3381 - 117° 20' 17.16"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 468464.6 UTM Y (Meters): 3666445.0

Elevation: 26 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 33117-B3 SAN LUIS REY, CA

Most Recent Revision: 1997

South Map: 33117-A3 ENCINITAS, CA

Most Recent Revision: 1975

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.

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).

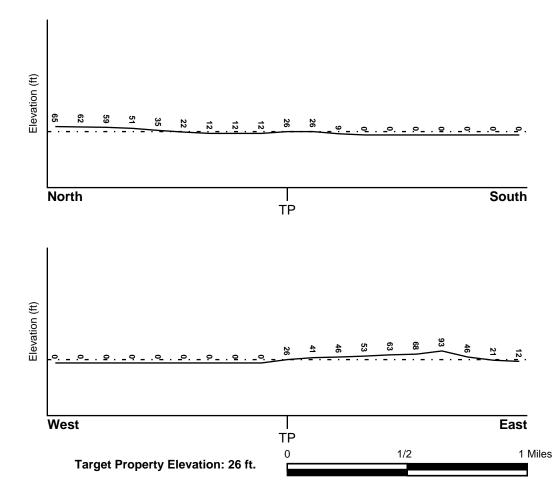
TOPOGRAPHIC INFORMATION

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 West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

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

FEMA Flood

Target Property County SAN DIEGO, CA

Electronic Data
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 Electronic

NWI Quad at Target Property

Data Coverage

SAN LUIS REY

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.

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
1	1/2 - 1 Mile SE	W
2	1/2 - 1 Mile SE	SW

For additional site information, refer to Physical Setting Source Map Findings.

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

GEOLOGIC AGE IDENTIFICATION

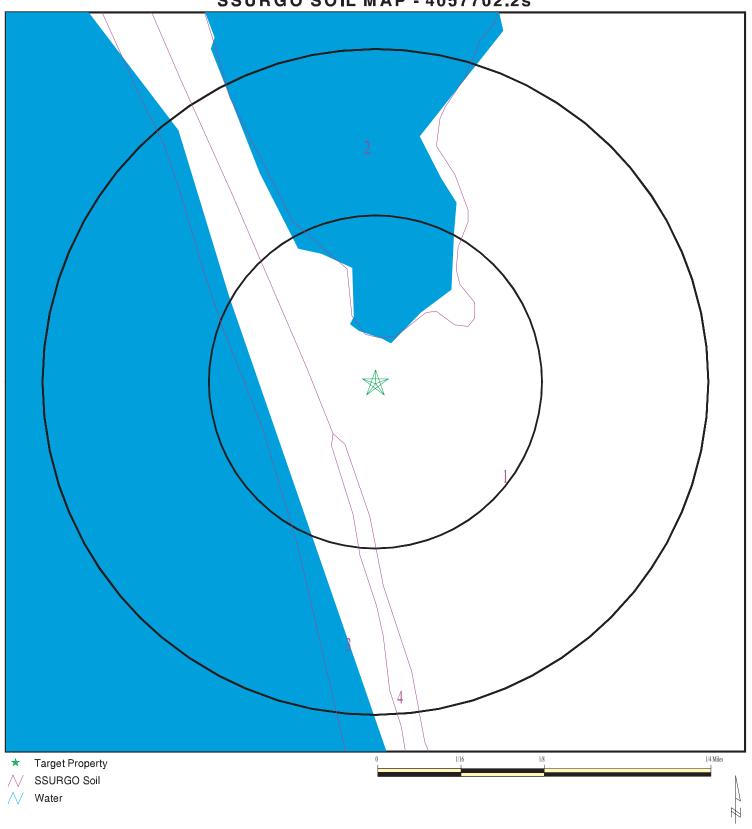
Era: Cenozoic Category: Stratifed Sequence

System: Quaternary Series: Quaternary

Code: Q (decoded above as Era, System & Series)

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 - 4057702.2s



SITE NAME: Encina Power Station ADDRESS: 4600 Carlsbad Boulevard Carlsbad CA 92008

33.138 / 117.3381

LAT/LONG:

CLIENT: The Source Group
CONTACT: Rachel Fischer/Scott Seipel
INQUIRY #: 4057702.2s

September 09, 2014 7:25 am DATE:

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: 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary			Classification		Saturated hydraulic	
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
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: 2

Soil Component Name: LAKES AND LAGOONS

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: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: COASTAL BEACHES

Soil Surface Texture: coarse sand

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: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity Soil R	Soil Reaction (pH)
1	0 inches	5 inches	coarse 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: 5.1

	Soil Layer Information							
	Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)	
2	5 inches	59 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.1	

Soil Map ID: 4

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	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

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

LOCATION MAP ID WELL ID FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

LOCATION MAP ID WELL ID FROM TP

No PWS System Found

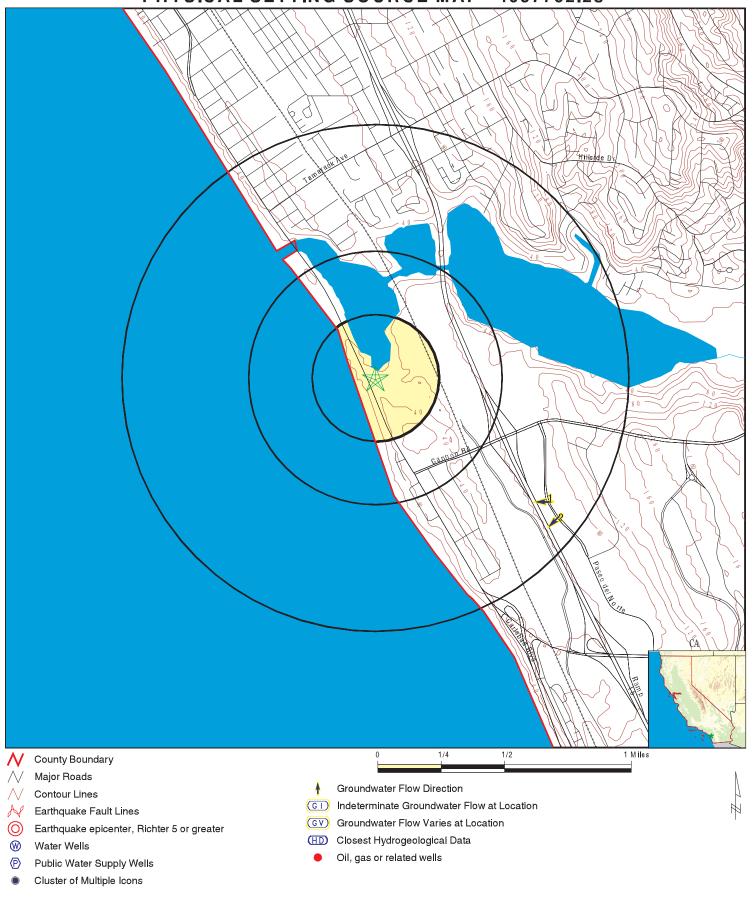
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 4057702.2s



SITE NAME: Encina Power Station ADDRESS: 4600 Carlsbad Boulevard

Carlsbad CA 92008 LAT/LONG: 33.138 / 117.3381

CLIENT: The Source Group CONTACT: Rachel Fischer/Scott Seipel

INQUIRY #: 4057702.2s

DATE: September 09, 2014 7:25 am

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation Database EDR ID Number 1 SE 1/2 - 1 Mile Higher 9UT1183 Site ID: **AQUIFLOW** 26692 Groundwater Flow: W Shallow Water Depth: 23 Deep Water Depth: 25 Average Water Depth: Not Reported Date: 03/30/1990 2 SE 1/2 - 1 Mile Site ID: 9UT3254 **AQUIFLOW** 26717 Groundwater Flow: SW Shallow Water Depth: 15 Higher Deep Water Depth: 19.5 Average Water Depth: Not Reported Date: 12/11/1996

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92008	35	1

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.

Not Reported

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 92008

Number of sites tested: 1

Basement

 Area
 Average Activity
 % <4 pCi/L</th>
 % 4-20 pCi/L
 % >20 pCi/L

 Living Area - 1st Floor
 0.400 pCi/L
 100%
 0%
 0%

 Living Area - 2nd Floor
 Not Reported
 Not Reported
 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

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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