ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011

Date Made Active in Reports: 01/10/2012 Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 07/01/2013

Next Scheduled EDR Contact: 10/28/2013 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2012 Date Data Arrived at EDR: 01/16/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 114

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 07/17/2013

Next Scheduled EDR Contact: 10/28/2013 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/14/2013 Date Data Arrived at EDR: 03/20/2013 Date Made Active in Reports: 07/10/2013

Number of Days to Update: 112

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 09/10/2013

Next Scheduled EDR Contact: 12/23/2013 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/09/2013 Date Data Arrived at EDR: 04/11/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 29

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/12/2013

Next Scheduled EDR Contact: 10/21/2013 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail, EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013 Date Data Arrived at EDR: 03/21/2013 Date Made Active in Reports: 07/10/2013

Number of Days to Update: 111

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 09/11/2013

Next Scheduled EDR Contact: 12/23/2013 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995

Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases: Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 07/24/2013

Next Scheduled EDR Contact: 11/11/2013

Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 52

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 08/26/2013

Next Scheduled EDR Contact: 12/09/2013 Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/20/2013 Date Data Arrived at EDR: 05/21/2013 Date Made Active in Reports: 06/12/2013

Number of Days to Update: 22

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 08/19/2013

Next Scheduled EDR Contact: 12/02/2013 Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 03/05/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: Deaprtment of Conservation Telephone: 916-445-2408 Last EDR Contact: 09/17/2013

Next Scheduled EDR Contact: 12/30/2013

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste

Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 07/05/2013 Date Data Arrived at EDR: 07/05/2013 Date Made Active in Reports: 08/26/2013

Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 07/05/2013

Next Scheduled EDR Contact: 10/14/2013
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 countles 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: 09/23/2013

Next Scheduled EDR Contact: 01/08/2014

Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 12/11/2012 Date Data Arrived at EDR: 12/12/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 23

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 09/10/2013

Next Scheduled EDR Contact: 12/24/2012 Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009 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: 06/25/2013

Next Scheduled EDR Contact: 10/14/2013 Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/26/2013 Date Data Arrived at EDR: 04/29/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 17

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 08/08/2013

Next Scheduled EDR Contact: 11/11/2013

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: 07/16/2013

Next Scheduled EDR Contact: 10/28/2013 Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 06/25/2013 Date Made Active in Reports: 08/22/2013

Number of Days to Update: 58

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 06/25/2013

Next Scheduled EDR Contact: 10/07/2013 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: 07/19/2013

Next Scheduled EDR Contact: 10/28/2013 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 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: 08/01/2013

Next Scheduled EDR Contact: 11/04/2013 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013 Date Data Arrived at EDR: 03/15/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 56

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 08/23/2013

Next Scheduled EDR Contact: 12/02/2013 Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 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: 08/02/2013

Next Scheduled EDR Contact: 11/11/2013

PROC: Certified Processors Database A listing of certified processors.

> Date of Government Version: 06/17/2013 Date Data Arrived at EDR: 06/17/2013 Date Made Active in Reports: 08/21/2013

Number of Days to Update: 65

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 09/16/2013

Next Scheduled EDR Contact: 12/30/2013 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state, MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/02/2013 Date Data Arrived at EDR: 06/13/2013 Date Made Active in Reports: 07/24/2013

Number of Days to Update: 41

Source: Department of Public Health

Telephone: 916-558-1784 Last EDR Contact: 09/11/2013

Next Scheduled EDR Contact: 12/23/2013 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 07/19/2013

Next Scheduled EDR Contact: 10/28/2013 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011

Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 09/13/2013

Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/15/2013 Date Data Arrived at EDR: 07/16/2013 Date Made Active in Reports: 08/12/2013

Number of Days to Update: 27

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 07/16/2013

Next Scheduled EDR Contact: 10/28/2013 Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/28/2013 Date Data Arrived at EDR: 05/29/2013 Date Made Active in Reports: 06/27/2013

Number of Days to Update: 29

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/27/2013

Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/21/2013 Date Data Arrived at EDR: 05/22/2013 Date Made Active in Reports: 06/27/2013

Number of Days to Update: 36

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 08/15/2013

Next Scheduled EDR Contact: 12/02/2013 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 06/30/2013 Date Data Arrived at EDR: 08/08/2013 Date Made Active in Reports: 08/27/2013

Number of Days to Update: 19

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 08/26/2013

Next Scheduled EDR Contact: 11/11/2013

Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013 Date Data Arrived at EDR: 02/14/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 07/03/2013

Next Scheduled EDR Contact: 10/21/2013

Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/16/2013

Next Scheduled EDR Contact: 11/25/2013 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian 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: 07/19/2013

Next Scheduled EDR Contact: 10/28/2013

Data Release Frequency: N/A

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: 07/03/2013

Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 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: 08/22/2013

Next Scheduled EDR Contact: 12/09/2013 Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/23/2013 Date Data Arrived at EDR: 01/30/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 06/25/2013

Next Scheduled EDR Contact: 10/14/2013 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 06/25/2013

Next Scheduled EDR Contact: 10/14/2013 Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013 Date Data Arrived at EDR: 08/13/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 31

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 08/07/2013

Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A

Source: N/A Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: N/A Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 07/25/2013 Date Data Arrived at EDR: 07/26/2013 Date Made Active in Reports: 08/09/2013

Number of Days to Update: 14

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 06/28/2013

Next Scheduled EDR Contact: 10/14/2013 Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/25/2013 Date Data Arrived at EDR: 07/26/2013 Date Made Active in Reports: 08/20/2013

Number of Days to Update: 25

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 06/28/2013

Next Scheduled EDR Contact: 10/14/2013 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List Cupa Facility List

> Date of Government Version: 06/20/2013 Date Data Arrived at EDR: 06/21/2013 Date Made Active in Reports: 08/21/2013

Number of Days to Update: 61

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 09/10/2013

Next Scheduled EDR Contact: 12/23/2013 Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing Cupa facility list.

> Date of Government Version: 08/01/2013 Date Data Arrived at EDR: 08/02/2013 Date Made Active in Reports: 08/22/2013

Number of Days to Update: 20

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 07/26/2013

Next Scheduled EDR Contact: 10/28/2013

Data Release Frequency: Varies

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/30/2013 Date Data Arrived at EDR: 07/24/2013 Date Made Active in Reports: 08/09/2013

Number of Days to Update: 16

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 06/25/2013

Next Scheduled EDR Contact: 10/14/2013 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/20/2013 Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 08/09/2013

Number of Days to Update: 39

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 08/08/2013

Next Scheduled EDR Contact: 11/25/2013 Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/10/2013 Date Data Arrived at EDR: 06/11/2013 Date Made Active in Reports: 07/24/2013

Number of Days to Update: 43

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 08/05/2013

Next Scheduled EDR Contact: 11/18/2013 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 01/09/2013 Date Data Arrived at EDR: 01/10/2013 Date Made Active in Reports: 02/25/2013

Number of Days to Update: 46

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 09/20/2013

Next Scheduled EDR Contact: 08/19/2013

Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/20/2013 Date Data Arrived at EDR: 05/21/2013 Date Made Active in Reports: 06/25/2013

Number of Days to Update: 35

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 08/05/2013

Next Scheduled EDR Contact: 11/18/2013

Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/30/2013 Date Data Arrived at EDR: 07/16/2013 Date Made Active in Reports: 07/24/2013

Number of Days to Update: 8

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 07/15/2013

Next Scheduled EDR Contact: 10/28/2013 Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/09/2013 Date Data Arrived at EDR: 08/09/2013 Date Made Active in Reports: 08/22/2013

Number of Days to Update: 13

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 08/09/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 07/26/2013 Date Data Arrived at EDR: 08/09/2013 Date Made Active in Reports: 08/22/2013

Number of Days to Update: 13

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 08/08/2013

Next Scheduled EDR Contact: 11/11/2013

Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/26/2012 Date Data Arrived at EDR: 06/27/2012 Date Made Active in Reports: 08/17/2012

Number of Days to Update: 51

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 09/10/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

> Date of Government Version: 08/31/2010 Date Data Arrived at EDR: 09/01/2010 Date Made Active in Reports: 09/30/2010

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 08/07/2013

Next Scheduled EDR Contact: 11/25/2013 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 06/20/2013 Date Data Arrived at EDR: 06/24/2013 Date Made Active in Reports: 08/21/2013

Number of Days to Update: 58

Source: Kings County Department of Public Health

Telephone: 559-584-1411

Last EDR Contact: 08/22/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2013 Date Data Arrived at EDR: 01/25/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 33

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 07/18/2013

Next Scheduled EDR Contact: 11/04/2013

Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 09/23/2013

Next Scheduled EDR Contact: 01/08/2014 Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/28/2013 Date Data Arrived at EDR: 06/17/2013 Date Made Active in Reports: 08/21/2013

Number of Days to Update: 65

Source: Department of Public Works

Telephone: 626-458-3517

Last EDR Contact: 07/15/2013

Next Scheduled EDR Contact: 10/28/2013 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/22/2013 Date Data Arrived at EDR: 07/22/2013 Date Made Active in Reports: 08/26/2013

Number of Days to Update: 35

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 07/22/2013

Next Scheduled EDR Contact: 11/04/2013

Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 07/17/2013

Next Scheduled EDR Contact: 11/04/2013

Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/30/2013 Date Data Arrived at EDR: 02/21/2013

Date Made Active in Reports: 03/25/2013 Number of Days to Update: 32

Source: Community Health Services Telephone: 323-890-7806

Last EDR Contact: 07/17/2013

Next Scheduled EDR Contact: 11/04/2013 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 07/31/2013 Date Data Arrived at EDR: 08/01/2013 Date Made Active in Reports: 08/27/2013

Number of Days to Update: 26

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 07/18/2013

Next Scheduled EDR Contact: 11/04/2013 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003

Number of Days to Update: 34

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 07/26/2013

Next Scheduled EDR Contact: 11/11/2013 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/15/2013 Date Data Arrived at EDR: 07/18/2013 Date Made Active in Reports: 08/20/2013

Number of Days to Update: 33

Source: City of Torrance Fire Department

Telephone: 310-618-2973

Last EDR Contact: 07/15/2013

Next Scheduled EDR Contact: 10/28/2013 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 04/16/2013 Date Made Active in Reports: 05/17/2013

Number of Days to Update: 31

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 08/22/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/26/2012 Date Data Arrived at EDR: 11/28/2012 Date Made Active in Reports: 01/21/2013

Number of Days to Update: 54

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 07/18/2013

Next Scheduled EDR Contact: 10/21/2013 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 05/28/2013 Date Data Arrived at EDR: 05/29/2013 Date Made Active in Reports: 06/25/2013

Number of Days to Update: 27

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 08/22/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List CUPA Facility List

> Date of Government Version: 06/04/2013 Date Data Arrived at EDR: 06/05/2013 Date Made Active in Reports: 07/15/2013

Number of Days to Update: 40

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 09/03/2013

Next Scheduled EDR Contact: 12/16/2013 Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/21/2013 Date Data Arrived at EDR: 06/21/2013 Date Made Active in Reports: 08/21/2013

Number of Days to Update: 61

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 08/22/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011 Date Data Arrived at EDR: 12/06/2011 Date Made Active in Reports: 02/07/2012

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 09/03/2013

Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 09/03/2013

Next Scheduled EDR Contact: 12/16/2013

Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/29/2013 Date Data Arrived at EDR: 05/30/2013 Date Made Active in Reports: 07/15/2013

Number of Days to Update: 46

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 08/15/2013

Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2013 Date Data Arrived at EDR: 05/15/2013 Date Made Active in Reports: 06/12/2013

Number of Days to Update: 28

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 08/07/2013

Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2013 Date Data Arrived at EDR: 05/15/2013 Date Made Active in Reports: 06/25/2013

Number of Days to Update: 41

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 08/07/2013

Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2013 Date Data Arrived at EDR: 05/15/2013 Date Made Active in Reports: 06/25/2013

Number of Days to Update: 41

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 08/07/2013

Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/12/2013 Date Data Arrived at EDR: 03/13/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 14

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 08/20/2013

Next Scheduled EDR Contact: 12/23/2013 Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/18/2013 Date Data Arrived at EDR: 07/18/2013 Date Made Active in Reports: 07/24/2013

Number of Days to Update: 6

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 09/23/2013

Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/18/2013 Date Data Arrived at EDR: 07/18/2013 Date Made Active in Reports: 08/20/2013

Number of Days to Update: 33

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 09/23/2013

Next Scheduled EDR Contact: 01/08/2014 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/03/2013 Date Data Arrived at EDR: 07/08/2013 Date Made Active in Reports: 07/24/2013

Number of Days to Update: 16

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 07/05/2013

Next Scheduled EDR Contact: 10/21/2013 Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/03/2013 Date Data Arrived at EDR: 07/08/2013 Date Made Active in Reports: 08/23/2013

Number of Days to Update: 46

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 07/05/2013

Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/2013 Date Data Arrived at EDR: 05/31/2013 Date Made Active in Reports: 07/15/2013

Number of Days to Update: 45

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 08/08/2013

Next Scheduled EDR Contact: 11/25/2013 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 09/23/2013

Next Scheduled EDR Contact: 12/23/2013 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Health Services Telephone: 619-338-2209

Last EDR Contact: 07/24/2013

Next Scheduled EDR Contact: 11/11/2013

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

Telephone: 619-338-2371 Last EDR Contact: 09/10/2013

Next Scheduled EDR Contact: 12/23/2013 Data Release Frequency: No Update Planned

Source: San Diego County Department of Environmental Health

Source: Department Of Public Health San Francisco County

Number of Days to Update: 24

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

Telephone: 415-252-3920 Last EDR Contact: 08/07/2013

Next Scheduled EDR Contact: 11/25/2013 Data Release Frequency: Quarterly

Number of Days to Update: 10

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

Source: Department of Public Health Telephone: 415-252-3920 Last EDR Contact: 08/07/2013

Number of Days to Update: 5

Next Scheduled EDR Contact: 11/25/2013 Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/18/2013 Date Data Arrived at EDR: 06/24/2013

Source: Environmental Health Department

Date Made Active in Reports: 08/20/2013

Telephone: N/A Last EDR Contact: 09/23/2013

Number of Days to Update: 57

Next Scheduled EDR Contact: 01/08/2014

Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/04/2013 Date Data Arrived at EDR: 06/05/2013 Date Made Active in Reports: 07/15/2013 Number of Days to Update: 40

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 08/22/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/02/2013 Date Data Arrived at EDR: 07/05/2013 Date Made Active in Reports: 08/23/2013

Number of Days to Update: 49

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/13/2013

Next Scheduled EDR Contact: 09/30/2013
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/17/2013 Date Data Arrived at EDR: 06/18/2013 Date Made Active in Reports: 08/21/2013

Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 09/16/2013

Next Scheduled EDR Contact: 12/30/2013 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 09/23/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 06/03/2013 Date Data Arrived at EDR: 06/04/2013 Date Made Active in Reports: 07/15/2013

Number of Days to Update: 41

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 09/03/2013

Next Scheduled EDR Contact: 12/16/2013 Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 06/03/2013 Date Data Arrived at EDR: 06/06/2013 Date Made Active in Reports: 07/15/2013

Number of Days to Update: 39

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 09/03/2013

Next Scheduled EDR Contact: 12/16/2013 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/16/2013 Date Data Arrived at EDR: 05/17/2013 Date Made Active in Reports: 06/25/2013

Number of Days to Update: 39

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 08/08/2013

Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/28/2013 Date Data Arrived at EDR: 05/29/2013 Date Made Active in Reports: 06/27/2013

Number of Days to Update: 29

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 08/22/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/17/2013 Date Data Arrived at EDR: 06/18/2013 Date Made Active in Reports: 08/21/2013

Number of Days to Update: 64

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 08/22/2013

Next Scheduled EDR Contact: 12/09/2013

Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/17/2013 Date Data Arrived at EDR: 06/20/2013 Date Made Active in Reports: 08/12/2013

Number of Days to Update: 53

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 09/16/2013

Next Scheduled EDR Contact: 12/30/2013 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/17/2013 Date Data Arrived at EDR: 06/20/2013 Date Made Active in Reports: 08/20/2013

Number of Days to Update: 61

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 09/16/2013

Next Scheduled EDR Contact: 12/30/2013 Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 07/05/2013 Date Data Arrived at EDR: 07/05/2013 Date Made Active in Reports: 08/21/2013

Number of Days to Update: 47

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 06/25/2013

Next Scheduled EDR Contact: 10/14/2013

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/02/2013 Date Data Arrived at EDR: 07/05/2013 Date Made Active in Reports: 08/12/2013

Number of Days to Update: 38

Source: Department of Health Services Telephone: 707-565-6565

Last EDR Contact: 06/25/2013

Next Scheduled EDR Contact: 10/14/2013 Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/10/2013 Date Data Arrived at EDR: 06/11/2013 Date Made Active in Reports: 08/19/2013

Number of Days to Update: 69

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 09/10/2013

Next Scheduled EDR Contact: 12/23/2013 Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/14/2013 Date Data Arrived at EDR: 01/16/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 42

Source: Divison of Environmental Health

Telephone: 209-533-5633

Last EDR Contact: 07/26/2013

Next Scheduled EDR Contact: 11/11/2013

Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/26/2013 Date Data Arrived at EDR: 05/22/2013 Date Made Active in Reports: 06/25/2013

Number of Days to Update: 34

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 08/19/2013

Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 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: 07/03/2013

Next Scheduled EDR Contact: 10/21/2013 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008 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: 08/19/2013

Next Scheduled EDR Contact: 12/02/2013 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: 05/28/2013 Date Data Arrived at EDR: 06/24/2013 Date Made Active in Reports: 08/12/2013

Number of Days to Update: 49

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 07/30/2013

Next Scheduled EDR Contact: 11/11/2013 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/28/2013 Date Data Arrived at EDR: 06/17/2013 Date Made Active in Reports: 08/20/2013

Number of Days to Update: 64

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 09/16/2013

Next Scheduled EDR Contact: 12/30/2013 Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 06/24/2013 Date Data Arrived at EDR: 06/26/2013 Date Made Active in Reports: 08/20/2013

Number of Days to Update: 55

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 09/23/2013

Next Scheduled EDR Contact: 01/08/2014 Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/01/2013 Date Data Arrived at EDR: 08/05/2013 Date Made Active in Reports: 08/22/2013

Number of Days to Update: 17

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 07/31/2013

Next Scheduled EDR Contact: 11/18/2013

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/20/2013 Date Data Arrived at EDR: 05/21/2013 Date Made Active in Reports: 06/27/2013

Number of Days to Update: 37

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 08/19/2013

Next Scheduled EDR Contact: 12/02/2013 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012

Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 07/19/2013

Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 08/01/2013 Date Data Arrived at EDR: 08/07/2013 Date Made Active in Reports: 09/10/2013

Number of Days to Update: 34

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 08/07/2013

Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 07/24/2013 Date Made Active in Reports: 08/19/2013

Number of Days to Update: 26

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 07/18/2013

Next Scheduled EDR Contact: 11/04/2013 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 06/21/2013 Date Made Active in Reports: 08/05/2013

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 08/23/2013

Next Scheduled EDR Contact: 12/09/2013 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/16/2013

Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SEVILLE SOLAR FARM 1791 W. HWY 78 THERMAL, CA 92274

TARGET PROPERTY COORDINATES

Latitude (North):

33.1093 - 33' 6' 33.48"

Longitude (West):

116.0072 - 116° 0' 25.92"

Universal Tranverse Mercator:

Zone 11

UTM X (Meters):

592632.6

UTM Y (Meters):

3663651.0

Elevation:

17 ft. below sea level

USGS TOPOGRAPHIC MAP

Target Property Map: Most Recent Revision: 33116-A1 BORREGO MOUNTAIN SE, CA

1991

East Map:

33115-A8 HARPERS WELL, CA

Most Recent Revision:

1995

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).

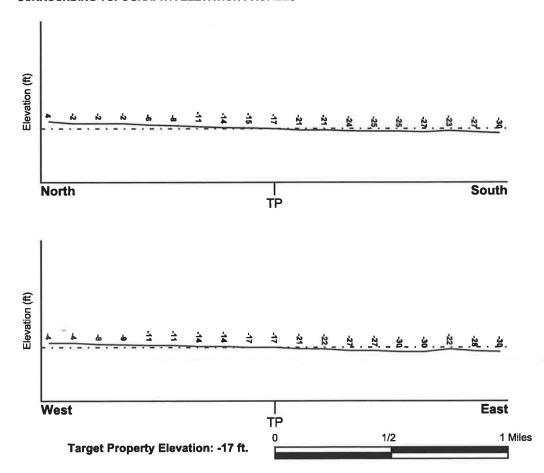
TOPOGRAPHIC INFORMATION

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 SE

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

Electronic Data

IMPERIAL, CA

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

06025C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property BORREGO MOUNTAIN SE

Data Coverage 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 FROM TP

GENERAL DIRECTION

MAP ID

Not Reported

GROUNDWATER FLOW

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: Series:

Quaternary

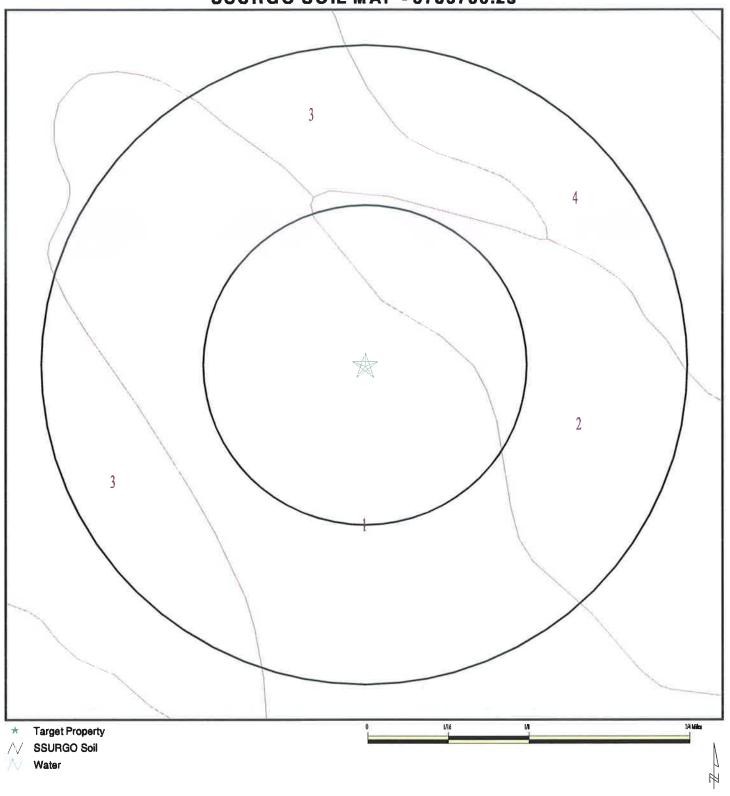
Quaternary

Code:

(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 - 3735756.2s



SITE NAME: Seville Solar Farm

ADDRESS: 1791 W. Hwy 78 Thermal CA 92274 LAT/LONG: 33.1093 / 116.0072

CLIENT: GS Lyon Consultants
CONTACT: Randy Lyon
INQUIRY#: 3735756.2s
DATE: September 23, 2013 2:10 pm

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:

Meloland

Soil Surface Texture:

fine sand

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min:

> 0 inches

Depth to Watertable Min:

> 0 inches

	Soil Layer Information								
	Boundary			Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
1	0 inches	11 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4		
2	11 inches	25 inches	stratified loamy fine sand to silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4		
3	25 inches	70 inches	clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.4		

Soil Map ID: 2

Soil Component Name:

Vint

Soil Surface Texture:

fine sandy loam

Hydrologic Group:

Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

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	0011110001101		
1	0 inches	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9		
2	9 înches	59 inches	loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9		

Soil Map ID: 3

Soil Component Name:

Indio

Soil Surface Texture:

loam

Hydrologic Group:

Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class:

Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

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	OUN INCUSTION
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 4	Max: 8.4 Min: 7.9
2	11 inches	72 inches	stratified loamy very fine sand to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Solls.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name:

Rositas

Soil Surface Texture:

fine sand

Hydrologic Group:

Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class:

Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

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	Soil Reaction (pH)		
1	0 inches	9 inches	fine 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: 8.4 Min: 7.9		
2	9 inches	59 inches	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: 8.4 Min: 7.9		

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

DA	ΓAΒ <i>ι</i>	ASE.	
		_	

SEARCH DISTANCE (miles)

Federal USGS

1.000

Federal FRDS PWS

Nearest PWS within 1 mile

State Database

1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000130311	1/2 - 1 Mile NNW
A2	USGS40000130312	1/2 - 1 Mile NNW
B5	USGS40000130317	1/2 - 1 Mile NW
B6	USGS40000130318	1/2 - 1 Mile NW
7	USGS40000130314	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

FEDERAL FROS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID

WELL ID

LOCATION FROM TP

No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

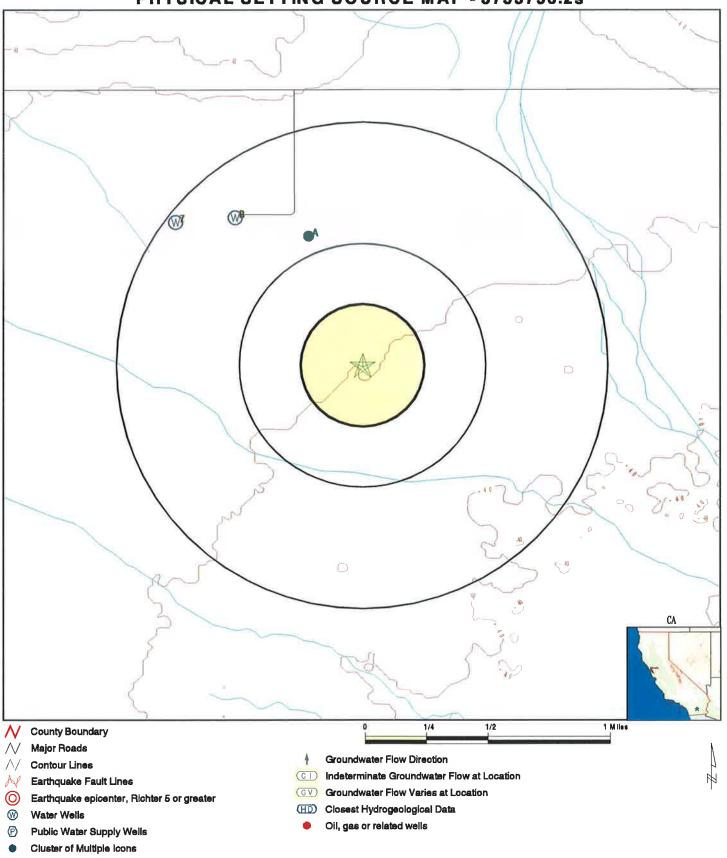
MAP ID

WELL ID

LOCATION FROM TP

A3 A4 CADW50000000534 CADW50000000533 1/2 - 1 Mile NNW 1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 3735756.2s



SITE NAME: Seville Solar Farm 1791 W. Hwy 78 Thermal CA 92274 ADDRESS: LAT/LONG: 33.1093 / 116.0072 CLIENT: GS Lyon Consultants CONTACT: Randy Lyon INQUIRY#: 3735756.2s

DATE: September 23, 2013 2:10 pm

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GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation						Database	EDR ID Number
A1 NNW 1/2 - 1 Mile Higher						FED USGS	USGS40000130311
Org. Identifie	er:	USGS-CA					
Formal name		USGS California Water Sci	ence Center				
Monloc Iden	tifier:	USGS-330701116003501					
Monloc nam		012S009E23D001S					
Monloc type		Well					
Monloc desc	:	Not Reported	Desines	anana yalyar	NI.	at Danastad	
Huc code:	a I Inite:	18100200 Not Reported	-	jearea value: drainagearea		ot Reported ot Reported	
Drainageare	nagearea units:	· ·	Latitude	-		3.1169925	
Longitude:	lagosios silis.	-116.010561		map scale:		1000	
Horiz Acc m	easure:	1		cc measure u		econds	
Horiz Collec	tion method:	Interpolated from map					
Horiz coord	refsys:	NAD83	Vert me	easure val:	-1	5	
Vert measur	e units:	feet	Vertaco	measure val:	10)	
Vert accmea		feet					
Vertcollectio		Interpolated from topograph	-			_	
Vert coord re	•	NGVD29	Country	code:	U	8	
Aquifemame Formation ty		Basin and Range basin-fill a	aquirers				
Aquifer type		Not Reported Not Reported					
Construction		Not Reported	Wellder	oth:	58	30	
Welldepth u		ft		edepth:		ot Reported	
Wellholedep		Not Reported		·		•	
Ground-wate	er levels. Numb	er of Measurements: 60					
	Feet below	Feet to			Feet belov	v Feet to	
Date	Surface	Sealevel		Date	Surface	Sealevel	
2004-11-01	215.24						
2004-03-18	224.24						
	•	aps the same aquifer was be	eing pumped.				
2003-10-22				2003-03-24			
2002-10-31				2002-03-13	214.80		
2001-10-24 2001-08-28							
		aps the same aquifer was bo	eing pumped.				
1999-10-26							
		encountered in the well abo	ove the water s	•		corded).	
1999-03-23				1998-10-28			
1998-03-24				1997-10-09	205.83		
1997-03-06		cane the same equifor was be	oing numped				
1996-10-08	•	aps the same aquifer was be	enig pumpeu.				
1996-03-28							
		aps the same aquifer was bo	eing pumped.				
1993-10-19	•		•				
1993-04-12							
	-	aps the same aquifer was be	eing pumped.				
1992-09-24				1992-03-16			
1991-10-02				1991-03-11	169.03		
1990-10-24		and the come equifor was b					

Note: A nearby site that taps the same aquifer was being pumped.

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

	r levels, conti Feet below	Feet to			Feet below	Feet to
Date	Surface	Sealevel		Date	Surface	Sealeve
1990-03-22	174.35				**************	
Note: A ne 1989-11-03	earby site that 166.37	taps the same	aquifer was being pumped.			
Note: A ne	earby site that	taps the same	aquifer had been pumped r	ecently.		
1985-06-14	156.16					
1985-03-20	162.03					
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1984-09-17	152.11			1983-09-27	153.43	
1982-02-04	167.27					
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1981-02-11	159.91			1980-07-22	168.50	
1978-12-27	142.58					
1968-11-08						
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1968-03-12	114.39					
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1967-10-24	112.29					
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1967-03-23	111.38					
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1966-10-26	109.65	•				
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1966-03-04	109.27	·				
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1965-10-25	108.26	•				
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1965-08-12	110.05	•				
Note: A ne	earby site that	taps the same	aquifer was being pumped.			
1965-03-19		·		1964-03-20	87.87	
1963-10-31	142.88					
Note: The	site was bein	g pumped.				
	142.55	• •				
Note: The	site was bein	g pumped.				
1962-11-01	141.08	• •				
Note: The	site was bein	g pumped.				
1962-03-15	135.61					
Note: The	site was bein	g pumped.				
1961-10-26	134.71					
Note: The	site was bein	g pumped.				
	79.08					
		pumped recei	tly.			
1958-11-04			-	1958-03-15	66.76	
1957-11-27				1957-03-15	65.00	
1956-11-16						
	site was bein	a pumped.				
1956-03-18		O 1		1955-11-29	64.87	
1955-03-06						
	site was bein	a pumped.				
1954-11-10		9 Fab.		1954-02-24	65.79	

A2 NNW 1/2 - 1 Mile Higher

FED USGS USGS40000130312

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:

USGS-CA

Formal name:

USGS California Water Science Center

Monloc Identifier:

USGS-330701116003502

Monloc name:

012S009E23D002S

Monioc type:

Well

Monioc desc:

Not Reported

Huc code: Drainagearea Units: 18100200 Not Reported

Drainagearea value: Contrib drainagearea: Not Reported Not Reported

Contrib drainagearea units: Not Reported

Latitude:

33.1169925

Longitude: Horiz Acc measure: -116.010561

Sourcemap scale: Horiz Acc measure units: 24000

Horiz Collection method:

Interpolated from map

seconds

Horiz coord refsys: Vert measure units: NAD83 feet

Vert measure val: Vertacc measure val: -15.00 10

Vert accmeasure units: Vertcollection method:

feet

Interpolated from topographic map

Vert coord refsys:

NGVD29 Countrycode: US

Aquifername: Formation type:

Aquifer type:

Basin and Range basin-fill aquifers

Not Reported

Not Reported 1965

Welldepth: Wellholedepth:

Date

673 673

Construction date: Welldepth units: Wellholedepth units:

ft

Ground-water levels, Number of Measurements: 2

Feet below Surface

Feet to Sealevel

Feet below Surface

Feet to Sealevel

CA WELLS

1980-07-22 168.06

1978-12-27 142.55

A3 NNW 1/2 - 1 Mile Higher

Date

Latitude:

33.117

Longitude: Site code:

116.0114

331170N1160114W002

Casgem sta:

12S09E23D002S

Local well:

Not Reported 13

Casgem s 1:

Unknown

County id: Basin cd: Org unit n:

7-25

Basin desc:

Ocotillo-Clark Valley

Southern Region Office

Site id:

CADW50000000534

NNW 1/2 - 1 Mile

CA WELLS

CADW50000000533

CADW50000000534

Latitude: Longitude: 33.117

Site code:

116.0114

331170N1160114W001

Casgem sta: Casgem s 1: 12S09E23D001S

Local well:

Not Reported

Unknown

County id: Basin cd:

13 7-25

Basin desc:

Ocotillo-Clark Valley

Org unit n:

Southern Region Office

Site id:

CADW50000000533

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation

Database FED USGS **EDR ID Number**

USGS40000130317

B5 NW 1/2 - 1 Mile Higher

Org. Identifier:

USGS-CA

Formal name:

USGS California Water Science Center

Monloc Identifier:

USGS-330705116005501 012S009E22A001S

Monioc name:

Well

Monioc type:

Monloc desc: Huc code:

Not Reported 18100200 Not Reported

Drainagearea value: Contrib drainagearea: Not Reported Not Reported 33.1181035

Drainagearea Units: Contrib drainagearea units: Not Reported Longitude:

-116.0161166

Sourcemap scale: Horiz Acc measure units: Not Reported Unknown

Horiz Acc measure: Horiz Collection method:

Unknown Interpolated from map

Vert measure val:

Latitude:

Not Reported

Horiz coord refsys: Vert measure units: NAD83

Vertacc measure val: Not Reported

Not Reported

Vert accmeasure units:

Not Reported

Vertcollection method: Vert coord refsys:

Not Reported

Not Reported

Countrycode:

US

Aquifemame:

Basin and Range basin-fill aquifers

Formation type:

Not Reported

Aquifer type: Construction date: Welldepth units:

Not Reported Not Reported

Welldepth: Wellholedepth: Not Reported Not Reported

Wellholedepth units:

Not Reported Not Reported

Ground-water levels, Number of Measurements: 0

B6 1/2 - 1 Mile Higher

FED USGS

USGS40000130318

Org. Identifier:

USGS-CA

Formal name:

USGS California Water Science Center

Monloc Identifier:

USGS-330705116005502 012S009E22A002S

Monloc name: Monloc type:

Well

Monloc desc:

Not Reported

Huc code:

18100200

Drainagearea value: Contrib drainagearea: Not Reported Not Reported

Drainagearea Units:

Not Reported Contrib drainagearea units: Not Reported

Latitude:

33.1181035

Longitude:

-116.0161166

Sourcemap scale: Horiz Acc measure units: Not Reported

Horiz Acc measure:

Unknown

Unknown

Horiz Collection method:

Interpolated from map

Vert measure val:

Horiz coord refsys:

NAD83

Vertacc measure val:

10

US

Vert measure units: Vert accmeasure units: Vertcollection method:

feet feet

Interpolated from topographic map

Vert coord refsys:

NGVD29 Countrycode: Basin and Range basin-fill aquifers

Aquifemame:

Formation type:

Not Reported

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:

Not Reported

Construction date: Welldepth units:

Not Reported Not Reported Welldepth: Wellholedepth: Not Reported Not Reported

Wellholedepth units:

Not Reported

Ground-water levels, Number of Measurements: 0

7 NW 1/2 - 1 Mile Higher

FED USGS

USGS40000130314

Org. Identifier.

USGS-CA

Formal name:

USGS California Water Science Center

Monloc Identifier:

USGS-330704116011001 012S009E22B001S

Monloc name: Monloc type:

Well

Monloc desc:

Not Reported

Huc code:

18100200 Not Reported Drainagearea value: Contrib drainagearea:

Not Reported Not Reported 33.1178257

Drainagearea Units: Contrib drainagearea units: Not Reported Longitude:

-116.0202834

Latitude: Sourcemap scale:

Horiz Acc measure units:

Not Reported Unknown

Horiz Acc measure: Horiz Collection method: Unknown

Horiz coord refsys:

Interpolated from map

NAD83 Not Reported Vert measure val: Vertacc measure val: Not Reported Not Reported

Vert measure units: Vert accmeasure units:

Not Reported

Vertcollection method:

Not Reported

Not Reported

Countrycode:

US

Vert coord refsys: Aquifername:

Basin and Range basin-fill aquifers

Formation type:

Not Reported

Aquifer type:

Not Reported

Not Reported

Welldepth: Wellholedepth: Not Reported Not Reported

Construction date: Welldepth units:

Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L	
		-	
92274	4	0	

Federal EPA Radon Zone for IMPERIAL County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for IMPERIAL COUNTY, CA

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	1.450 pCl/L Not Reported	100% Not Reported	0% Not Reported	0% Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5 Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOWR 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. Amdt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at

least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after

August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX E



Seville Solar Farm 1791 W. Hwy 78 Thermal, CA 92274

Inquiry Number: 3735756.3

September 23, 2013

Certified Sanborn® Map Report





Certified Sanborn® Map Report

9/23/13

Site Name:

Client Name:

Seville Solar Farm 1791 W. Hwy 78 Thermal, CA 92274 **GS Lvon Consultants** 780 N. Fourth Street El Centro, CA 92243

EDR Inquiry # 3735756.3

Contact: Randy Lyon



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by GS Lyon Consultants were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edmet.com/sanbom and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name:

Seville Solar Farm

Address:

1791 W. Hwy 78

City, State, Zip:

Thermal, CA 92274

Cross Street:

NA

P.O. # Project:

GS1329

Certification #

15BF-420E-BA98



Certification # 15BF-420E-BA98

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

✓ Library of Congress

✓ University Publications of America

✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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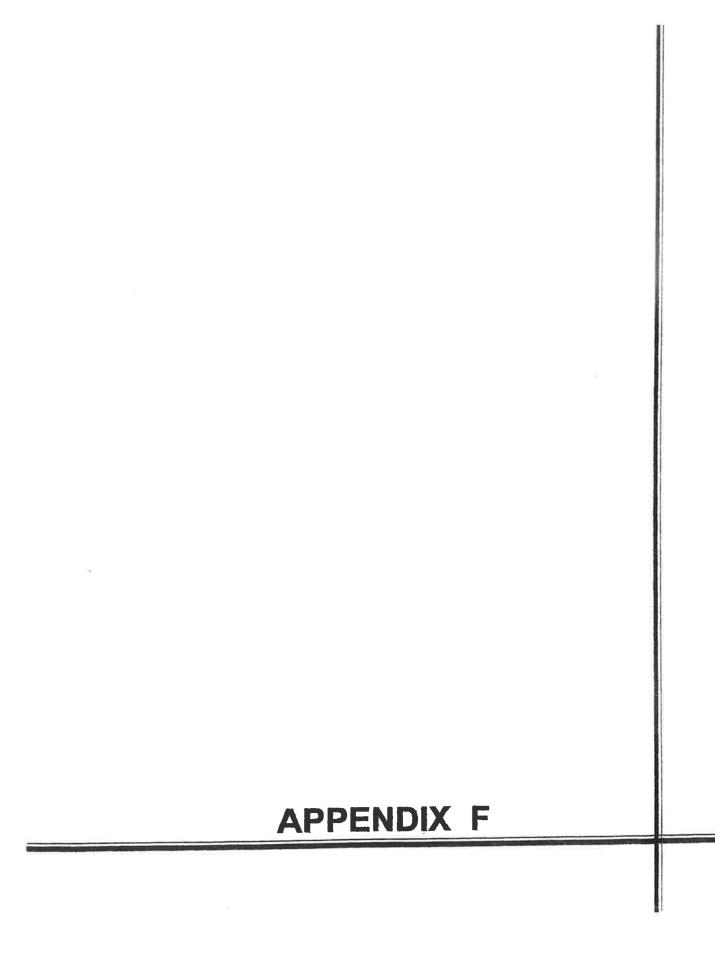
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780 N. 4th Street El Centro, CA 92243 (760) 337-1100

Phase I Environmental Site Assessment (ESA) User Questionnaire

Client:

Project: Seville Solar Farm Complex

Completed By: Joseph A. Allegretti, President and COO, Allegretti and Company

Joseph le. Allegrith

Relationship to Property: Owner Representative

Date Completed: October 1, 2013

1) Environmental cleanup liens that are filed or recorded against the site.

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

No. None known.

2) Activity and land use limitations (AUL's) that are in place on the site or that have been filed or recorded in a registry.

Are you aware of any AUL's, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

No. None known.

3) Specialized knowledge or experience of the person seeking to qualify for the

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

Yes, I represent the current owner of the property, who has owned the property since 1981. Portions of the property have been under agricultural production since the mid-late 1950's. The property is the only in the nearby vicinity which has been used for agricultural operations. All other nearby und/or adjoining properties are open-space recreational and/or residential uses.

4) Relationship of the purchase price to the fair market value of the property if it were not contaminated.

Does the purchase price being paid for this property reasonable reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Yes, the purchase price accurately reflects the fair market value of the property.

5) Commonly know or reasonably ascertainable information about the property.

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

a. Do you know the past uses of the property? If so what were they?

Yes, see "An Agricultural History of Allegretti Farms," attached.

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

Pesticides are believed to have been used at some point on portions of the property farmed, but which types are unknown. Major portions, if not all portions, of the property previously farmed were later certified organic.

No oil spills are known to have occurred. An above-ground diesel tank inside a secondary containment basin is located on the property, but has never been known to have leaked.

e_{so} Do you know of spills or other chemical releases that have taken place at the property?

No. None known.

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

No. None known.

6) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation.

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

No, there does not appear to be any obvious indicators that point to the presence or likely presence of contamination at the property.







Education

B.S. Civil Engineering (Magna Cum Laude) California Polytechnic University, Pomona Campus 1978

Registration

Registered Civil Engineer No. 31921, California Registered Civil Engineer No. 16994, Arizona

Professional Experience

1987 - Present	Principal Engineer
	Southland Geotechnical, Inc.
1982 - 1987	Principal Engineer
	Lyon Engineers, Inc.
1978 - 1981	Partner/Senior Engineer
	Tesco Engineering
1974 - 1977	Survey Party Chief
	Tesco Engineering
1972 - 1973	Survey Party Chief
	Lyon & Associates

Summary of Experience

As Principal Engineer, Mr. Lyon is responsible for financial and technical management of all employees in Southland Geotechnical's four branch offices. Mr. Lyon has performed site investigations for residential subdivisions, geogrid-reinforced slopes, centers, military airfields, roadways, administration and office buildings, elementary and high schools, goldmine mill processing facilities, hydro-electric plants, power transmission lines, electrical substations, co-generation power plants and geothermal power plants. He has provided design for drilled piers, driven piles, stone columns and floating (rigid) mats, and has performed seismic risk evaluations, ground shaking analyses, liquefaction studies and liquefaction induced settlements studies. Mr. Lyon has conducted Phase I and Phase II ESA's throughout the Imperial and Coachella Valleys for over 7 years. Mr. Lyon's experience also includes forensic investigations for foundation/structural distress to residential, commercial and educational facilities, and has performed pressure grout stabilization and lifting for distress remediation.

Jeffrey O. Lyon, PE **Principal Engineer**

Selected Project Experience

Aten Road Improvements, Imperial, CA Performed Phase I environmental site assessment for

improvements to Aten Road in accordance to CalTrans

requirements.

- Gateway to the Americas, Calexico, CA Conducted Phase I ESA, geologic hazards study and liquefaction geotechnical investigation including evaluation for 1,700 acre development associated with new Port of Entry east of Calexico
- El Centro Magistrate Court, El Centro, CA Conducted geotechnical investigation and Phase I ESA for new Federal Magistrate Court building at site with soft soil conditions requiring foundation settlement analysis
- El Centro Regional Medical Center, El Centro, CA Conducted Phase I ESA and geotechnical investigation for 50,000 sf, 2-story addition to the medical center's emergency room, operating rooms, and recovery rooms.
- Brawley Union High School, Brawley, CA Conducted Phase II investigation for PCB and lead contamination of surficial soil and hydrocarbon contamination of subsurface soil of a property proposed for purchase.
- EW Corporation Site, Westmorland, CA Conducted Phase II investigation for hydrocarbor contamination of subsurface soil of a service station site with leaking underground storage tanks prior to property purchase
- Various Apartment Complexes, Imperial County, CA Conducted Phase I environmental investigation a numerous proposed apartment complex site within the Imperial Valley
- Hwy 98 Improvements, Imperial, CA Performed Phase I environmental site assessment fo improvements to Hwy 98 for a new intersection in accordance to CalTrans requirements.

Professional Affiliations

American Society of Civil Engineers, Member American Society of Testing Materials, Member American Concrete Institute, Certified Examiner Association of Professional Firms Practicing in th Geosciences, Member



Education

B.S. Civil Engineering California Polytechnic University, San Luis Obispo, 2011

M.S. Civil Engineering California Polytechnic University, San Luis Obispo, 2012

Registration

Engineer in Training No. 139380, California OSHA 30

Professional Experience

2013 - Present Staff Engineer

GS Lyon, Inc.

2012 - 2013

Project Engineer

BNBuilders.

Summary of Experience

As an Environmental Technician, Mr. LaBrucherie performs Phase I Environmental Site Assessments in Imperial County. The scope of work for these assessments typically includes site reconnaissance, review of government records pertaining to previous site uses, and preparation of a report identifying potential environmental risks.

Pete La Brucherie, EIT Staff Engineer