GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/08/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 38

Source: EPA
Telephone: N/A
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 42

Source: EPA
Telephone: N/A
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/08/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 38

Source: EPA
Telephone: N/A
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 15

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/20/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/08/2008
Date Data Arrived at EDR: 03/07/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/18/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 64

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/18/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/18/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/23/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/31/2007
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 60

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/17/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 02/14/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 22

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/28/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/03/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/17/2008
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 01/14/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 12/28/2007
Date Data Arrived at EDR: 12/28/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 27

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/20/2007
Date Data Arrived at EDR: 01/03/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 48

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/26/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/29/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/27/2007
Date Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 04/14/2008
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: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
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: 01/15/2008
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 01/29/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/31/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 01/04/2008
Date Data Arrived at EDR: 01/10/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

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: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/13/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: No Update Planned

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

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/13/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 63

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

CA 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: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 01/23/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/23/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

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: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 01/03/2008
Date Data Arrived at EDR: 01/04/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 07/31/2007
Date Data Arrived at EDR: 07/31/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 9

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
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: 10/25/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/23/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 10/15/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

RESPONSE: State Response Sites

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

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Quarterly

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: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
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: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/18/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 02/12/2008
Date Data Arrived at EDR: 02/14/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 29

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

TRIBAL RECORDS

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: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/20/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 02/28/2008
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/21/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 02/28/2008
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 02/25/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 12/21/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 34

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 02/21/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 02/20/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: 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 Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

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 Historical Cleaners: EDR Proprietary 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.

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 16

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/28/2008
Date Data Arrived at EDR: 01/29/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 10

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 03/07/2008
Date Data Arrived at EDR: 03/11/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 16

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Semi-Annually

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: 01/16/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 28

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/17/2008
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 12/17/2007
Date Data Arrived at EDR: 12/18/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 52

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

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: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/29/2007
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 23

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/12/2008
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/27/2008
Number of Days to Update: 35

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/14/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 05/30/2007
Date Data Arrived at EDR: 07/11/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 29

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/11/2008
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 22

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
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: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 16

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/04/2008
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 22

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking 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: 02/14/2008
Number of Days to Update: 29

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Semi-Annually

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: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 57

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 55

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/19/2007
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 51

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 17

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
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: 08/06/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 50

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 48

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

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

Date of Government Version: 02/11/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 16

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 02/11/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 16

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 04/28/2008
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: 12/28/2007
Date Data Arrived at EDR: 12/28/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 48

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 12/03/2007
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: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 9

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 08/22/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 35

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 01/04/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

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

Date of Government Version: 03/03/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/03/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
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: 02/01/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 17

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/15/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/01/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 13

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 01/09/2008
Date Data Arrived at EDR: 01/11/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: No Update Planned

LOP Listing

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

Date of Government Version: 02/01/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 9

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 03/04/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 10

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 01/07/2008
Date Data Arrived at EDR: 01/30/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 9

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

Date of Government Version: 01/22/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 23

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007
Date Data Arrived at EDR: 05/04/2007
Date Made Active in Reports: 05/24/2007
Number of Days to Update: 20

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Semi-Annually

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: 11/26/2007
Date Data Arrived at EDR: 01/07/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 38

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
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: 08/01/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/26/2007
Date Data Arrived at EDR: 01/07/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 38

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/12/2008
Next Scheduled EDR Contact: 06/09/2008
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: 12/26/2007
Date Data Arrived at EDR: 01/09/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 30

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/09/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 02/20/2008
Date Made Active in Reports: 03/14/2008
Number of Days to Update: 23

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

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: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/14/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/03/2008
Next Scheduled EDR Contact: 03/31/2008
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: 11/26/2007
Date Data Arrived at EDR: 11/29/2007
Date Made Active in Reports: 02/05/2008
Number of Days to Update: 68

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/28/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
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: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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 1999 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

FORMER IRWD SITE
COMMERCENTRE DRIVE/BISCAYNE PARKWAY DRIVE
LAKE FOREST, CA 92630

TARGET PROPERTY COORDINATES

Latitude (North):	33.66010 - 33' 39' 36.4"
Longitude (West):	117.68269 - 117' 40' 57.7"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	436703.1
UTM Y (Meters):	3724485.2
Elevation:	695 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33117-F6 EL TORO, CA
Most Recent Revision:	1982

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 principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

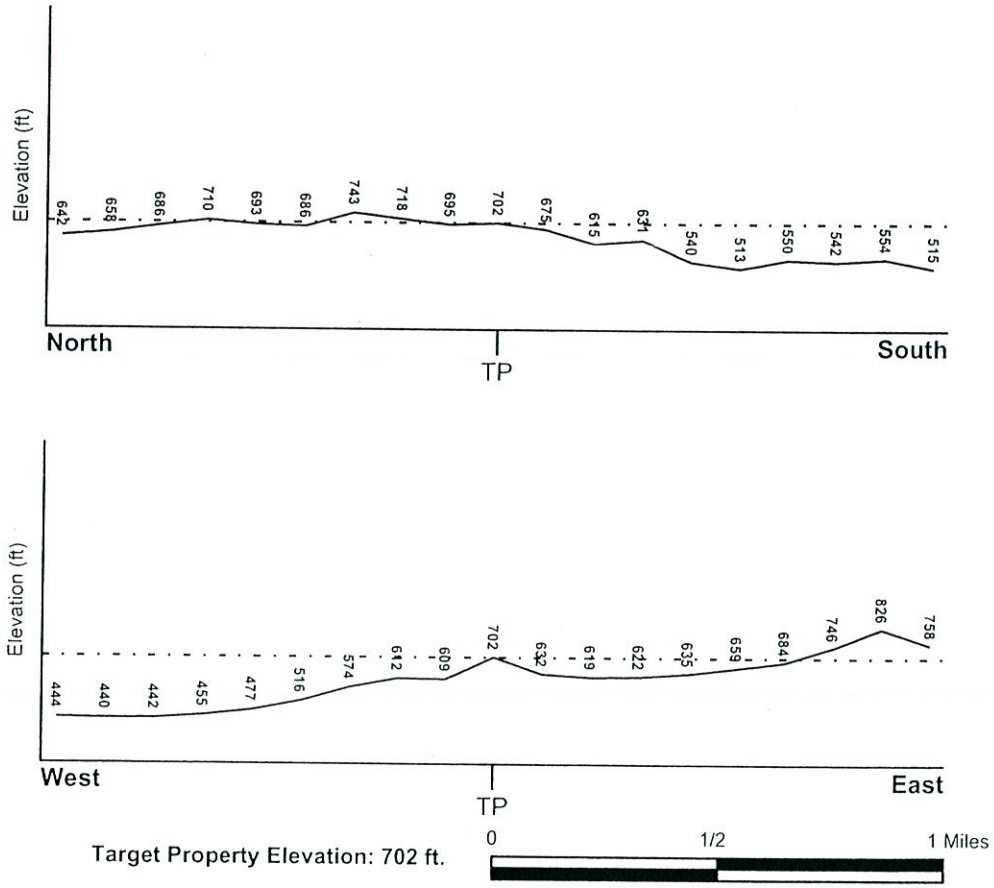
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 702 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
ORANGE, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	06059C0050F
Additional Panels in search area:	06059C0049F 06059C0058F

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
EL TORO	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A2	1/2 - 1 Mile SSW	W
A3	1/2 - 1 Mile SSW	W

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

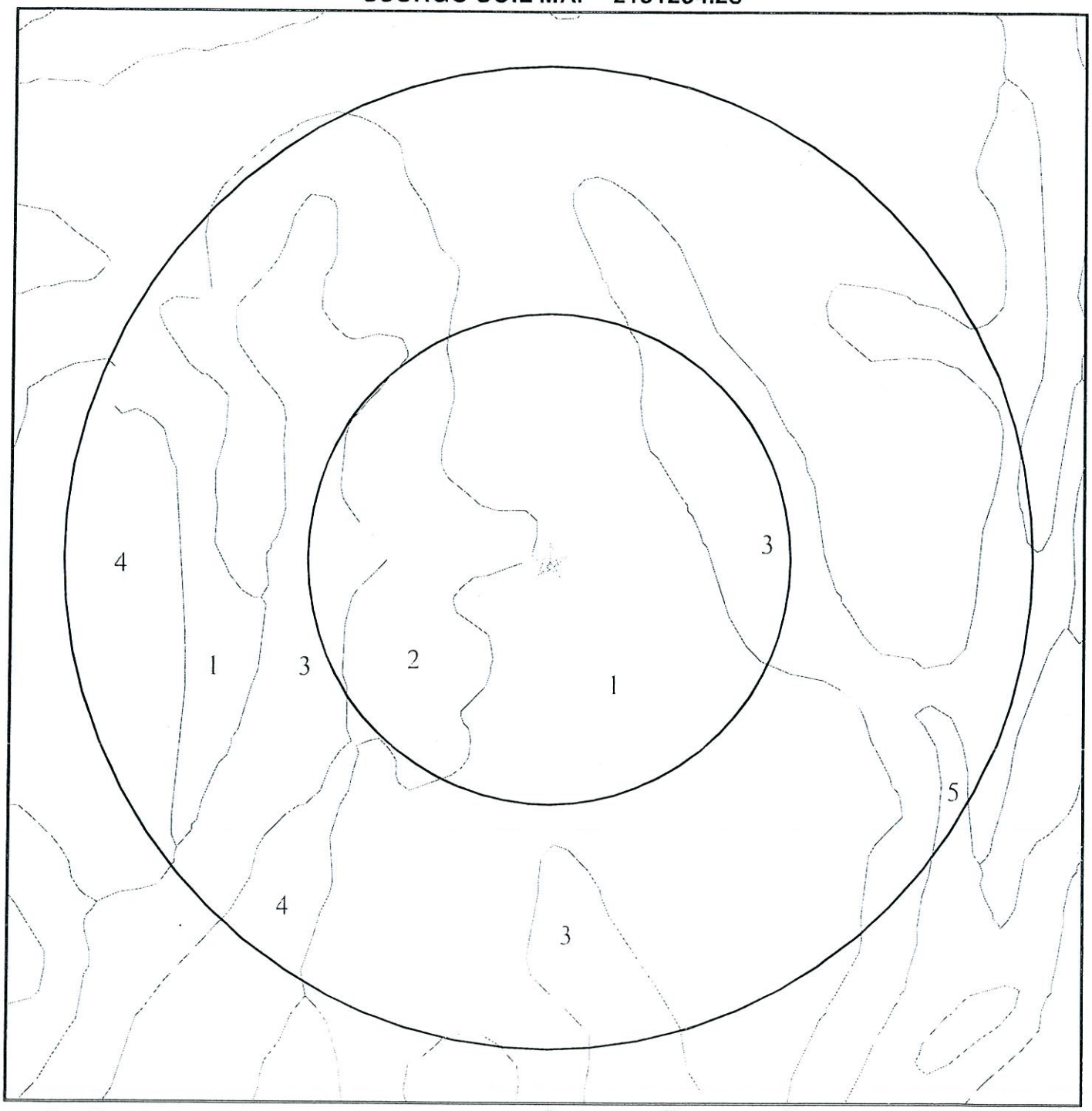
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2181254.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

SITE NAME: Former IRWD Site ADDRESS: Commercentre Drive/Biscayne Parkway Drive Lake Forest CA 92630 LAT/LONG: 33.6601 / 117.6827	CLIENT: Leighton and Associates, Inc. CONTACT: Meredith Church INQUIRY #: 2181254.2s DATE: March 28, 2008 5:31 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CIENEBA

Soil Surface Texture: sandy loam

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: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	7 inches	11 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: CALLEGUAS

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
2	14 inches	18 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: CAPISTRANO

Soil Surface Texture: 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: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	27 inches	sandy loam	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: 42 Min: 14	Max: 7.3 Min: 5.6
2	27 inches	64 inches	fine sandy loam	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: 42 Min: 14	Max: 7.3 Min: 5.6

Soil Map ID: 4

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 inches	11 inches	sandy 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
3	11 inches	20 inches	sandy clay 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
4	20 inches	64 inches	sandy clay 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
5	64 inches	79 inches	sandy 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 5

Soil Component Name: RIVERWASH

Soil Surface Texture: sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	stratified coarse sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:

Soil Map ID: 6

Soil Component Name: CAPISTRANO

Soil Surface Texture: 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: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	27 inches	sandy loam	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: 42 Min: 14	Max: 7.3 Min: 5.6
2	27 inches	64 inches	fine sandy loam	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: 42 Min: 14	Max: 7.3 Min: 5.6

Soil Map ID: 7

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	11 inches	18 inches	sandy 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
3	18 inches	27 inches	sandy clay 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
4	27 inches	70 inches	sandy clay 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
5	70 inches	79 inches	sandy 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	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
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	6936	1/4 - 1/2 Mile NE
B4	7045	1/2 - 1 Mile ENE
B5	7043	1/2 - 1 Mile ENE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

DISTANCE FROM TP (Miles)	DISTANCE FROM TP (Miles)
1/2 - 1 Mile WSW	1/4 - 1/2 Mile SSW
1/2 - 1 Mile SW	

PHYSICAL SETTING SOURCE MAP - 2181254.2s

0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Former IRWD Site ADDRESS: Commercentre Drive/Biscayne Parkway Drive Lake Forest CA 92630 LAT/LONG: 33.6601 / 117.6827	CLIENT: Leighton and Associates, Inc. CONTACT: Meredith Church INQUIRY #: 2181254.2s DATE: March 28, 2008 5:31 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **NE** **1/4 - 1/2 Mile** **Higher**			**CA WELLS**	**6936**

Water System Information:

Prime Station Code:	06S/04W-09L04 S	User ID:	WAT
FRDS Number:	3310012015	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	333950.0 1174035.0	Precision:	100 Feet (one Second)
Source Name:	SAN JACINTO WELL - ABANDONED		
System Number:	3310012		
System Name:	ELSINORE VALLEY MWD		
Organization That Operates System:			
	P.O. BOX 3000		
	LAKE ELSINORE, CA 92531		
Pop Served:	59200	Connections:	21140
Area Served:	LAKE ELSINORE VICINITY		

A2 **SSW** **1/2 - 1 Mile** **Lower**	Site ID:	083002096T	**AQUIFLOW**	**38975**
	Groundwater Flow:	W		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	47		
	Date:	06/03/1992		

A3 **SSW** **1/2 - 1 Mile** **Lower**	Site ID:	083002096T	**AQUIFLOW**	**38974**
	Groundwater Flow:	W		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	47		
	Date:	06/03/1992		

B4 **ENE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**7045**

Water System Information:

Prime Station Code:	06S/08W-12L02 S	User ID:	TEE
FRDS Number:	3010091004	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	333950.0 1174000.0	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 04		
System Number:	3010091		
System Name:	LOS ALISOS WD		
Organization That Operates System:			
	P O BOX 699		
	EL TORO 92630		
Pop Served:	38000	Connections:	11645
Area Served:	EL TORO		

Map ID Direction Distance Elevation	Database	EDR ID Number
B5 **ENE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**7043**

Water System Information:

Prime Station Code:	06S/08W-01N01 S	User ID:	TEE
FRDS Number:	3010091005	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	333950.0 1174000.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 07		
System Number:	3010091		
System Name:	LOS ALISOS WD		
Organization That Operates System:			
	P O BOX 699		
	EL TORO 92630		
Pop Served:	38000	Connections:	11645
Area Served:	EL TORO		

Direction Distance	Database	EDR ID Number

WSW
1/2 - 1 Mile — **OIL_GAS** — **CAOG30000008493**

Apinumber:	05901203	Operator:	CalResources LLC
Lease:	El Toro Corehole	Well no:	17
Field:	ORANGE COUNTY	Caoilgas m2 area:	Not Reported
Map:	W1-4	Status cod:	006
Source:	hud		
Latitude:	33.656478		
Longitude:	-117.691191		
Td:	2048		
Sec:	14		
Twn:	6S	Rge:	8W
Bm:	SB		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/12/1968 00:00:00
Abanddate:	12/30/1899 00:00:00	Comments:	Not Reported
District:	1	Mapinfo id:	28505
Site id:	CAOG30000008493		

SSW
1/4 - 1/2 Mile — **OIL_GAS** — **CAOG30000008478**

Apinumber:	05901074	Operator:	Morton and Sons
Lease:	El Toro Co.	Well no:	14-1
Field:	ORANGE COUNTY	Caoilgas m2 area:	Not Reported
Map:	W1-4	Status cod:	006
Source:	hud		
Latitude:	33.656143		
Longitude:	-117.683832		
Td:	6528		
Sec:	14		
Twn:	6S	Rge:	8W
Bm:	SB		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/12/1968 00:00:00
Abanddate:	12/30/1899 00:00:00	Comments:	Not Reported
District:	1	Mapinfo id:	28504
Site id:	CAOG30000008478		

SW
1/2 - 1 Mile — **OIL_GAS** — **CAOG30000008388**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Apinumber:	05901204	Operator:	CalResources LLC
Lease:	El Toro Corehole	Well no:	18
Field:	ORANGE COUNTY	Caoilgas m2 area:	Not Reported
Map:	W1-4	Status cod:	006
Source:	hud		
Latitude:	33.651601		
Longitude:	-117.691753		
Td:	2464		
Sec:	14		
Twn:	6S	Rge:	8W
Bm:	SB		
X coord1:	0		
Y coord1:	0		
Zone:	Not Reported	Spuddate:	12/12/1968 00:00:00
Abanddate:	12/30/1899 00:00:00	Comments:	Not Reported
District:	1	Mapinfo id:	28506
Site id:	CAOG30000008388		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
92630	18	0	0.00

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 92630

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

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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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

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

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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

#

DOGGR RECORDS

059-01074

DIVISION OF OIL AND GAS
RECEIVED
OCT 2 1947
DIVISION OF OIL AND GAS
LOS ANGELES, CALIFORNIA

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Morton And Sons ~~Long Beach~~ Calif. 24 Oct. 19 47

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "El Toro Co." 14-1, Sec. 14, T. 6S, R. 8W, SB B. & M., XX Field, Orange County. JLW

Lease consists of All of Section 14-6S-8W. S.B.B.M.

The well is 2760' ~~3500'~~ feet N. or S., and X ~~500~~ 540' feet E. or W. from ~~SW corner of Section 14~~ *
(Give location in distance from section corners or other corners of legal subdivision)

Elevation of ground above sea level 591.2 feet.

All depth measurements taken from top of Kelley Bushing (47-6528) uncomp abandoned, which is 11 feet above ground.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 4000 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
13 3/8"	48#	H-40	500	Cemented
Additional casing program to be determined from results obtained while drilling, subject to approval of the D.O.G.				

~~Please designate this well as a prospect well~~

Well is to be drilled with rotary ~~cable~~ tools.

Topo 73 JLW | JLW | | | |

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

*450' S., 2450' W. from the NE cor. of projected Sec. 14 (Cor.let. 2-6-51es)

Address 1241 East Burnett Street
Long Beach, Calif.

Telephone number 48509

Morton and Sons
(Name of Operator)

By Robert S. Morton

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T.....

Mr. ..... Calif. ..... 19.....

..... Calif.

Agent for MORTON AND SONS

DEAR SIR:

Operations at your well No. "El Toro" 14-1 Sec. 14, T. 6S, R. 8W, S.B. B. & M., ... Field, in Orange County, were witnessed by J. R. Thomas, Inspector, representative of the supervisor, on January 3, 1949. There was also present .....

Casing Record	Junk

The operations were performed for the purpose of .....

The inspector arrived at the well at 2:30 p.m. and Mr. ..... reported:

Memo

Cellar filled and location graded over.

No evidence of gas or oil leak.

R. D. BUSH
State Oil and Gas Supervisor

By ..... Deputy

59352 6-46 15M
STATE PRINTING OFFICE

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF P ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 27 1948
LOS ANGELES, CALIFORNIA

WELL SUMMARY REPORT

Operator Morton and Sons Field xxx

Well No. El Toro Co. I4-I Sec. I4, T. 65, R. 8W, SB B. & M.

Location ~~2760 and 540 of sw cor.~~ 450 N 2450 E sec I4.* Elevation of ~~derrick floor~~ ground above sea level 59I feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date Feb. I6, I948 Signed Geo Morton

W.A.Morton (Engineer or Geologist) E.W. Sauder (Superintendent) Title Agent (President, Secretary or Agent)

*Commenced drilling 3I October, I947 Completed drilling I4 Jan., I948 Drilling tools ~~Cable~~ Rotary

Total depth 6528 Plugged depth

Junk none

GEOLOGICAL MARKERS none DEPTH

*450 feet south and 2450 feet west from the northeast corner of projected Sec. 14.(Cor.let.2/6/51 es)

Commenced producing never produced (date) Flowing/gas lift/pumping (cross out unnecessary words)

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production						
Production after 30 days						

CASING RECORD (Present Hole)

Size of Casing (O. D. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Casing landed in	Number of Sacks of Cement	Depth of Cementing if through perforations
I3 3/4"	502	surf	48#	new	seamless	H-40	I7½"	3I0	
7"	579I	surf	23#	new	seamless	J-55	II"	500	

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
	ft.	ft.	none			
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				

MAP | MAP BOOK | CARDS | BOND | FORMS

Electrical Log Depths 579I to 65I4 (no log on upper hole) (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 27 1948
LOS ANGELES, CALIFORNIA

History of Oil or Gas Well

OPERATOR ~~Morton and Sons~~ FIELD ~~XXX~~

Well No. El Toro Co. I4-I, Sec. I4, T. 6S, R. 8W, SB B. & M.

Signed J.G. Morton

Date Feb. I6,I948 Title Agent (President, Secretary or Agent)

Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance. Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

Date	
31 Oct 1947	Spud in 4:00 A.M. Drill 12¼" hole to 500 '. Open hole to 17½" to 507'.
1 Nov	Run and cement 14 jts 13 3/8" O.D. csg with 310 sax Victor Construction cement. Casing froze at 502'.. Circl. press 200 # Bump plug with 350 psi.
2 Nov	Rig B.O.P.E. and test same with 1000 psi for 15 min. o.k. Drill 11" hole to 3500'
13Nov	Core 11" hole to 3785'.
18Nov	Drill 11" hole to 5723'
20Dec	Develop hole in surface casing just below landing base. Patch same. Drill 11" hole to 5791'.
22 Dec	Run and cement 137 jts (5805.8') of 7",23#,J-55 Nat'l smlss csg @ 5791' with 500 sax of Vic. Con. cement using one top and one bottom plug,116# slurry. Circ pressure 250-300 psi, bump plug with 800psi. Cemnting time 2 hours. Halliburton
23 Dec	Land casing with suspended weight of pipe.
26 Dec	Drill out cement. Top of cement @ 5750,equiv.to 9 sax of cement. Drill 6 1/8" hole to 6514'.
14 Jan 1948	Core 6 1/8" hole to 6528' T.D. Fill hole with heavy mud,cap at surface and suspend operations.

MAP | MAP OK | CARDS | BOND | FORMS

FORM 102.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
LOS ANGELES, CALIFORNIA

Subsequent Work Report

OPERATOR Morton and Sons FIELD Orange

Well No. El Toro Co. 14-1, Sec. 14, T. 6 S., R. 8 W., S. B. B. & M.

In compliance with the provisions of Chapter 93, Statutes 1939, the information given herewith is a complete and correct record of all work done on the well since the previous record, dated November 1, 1948, was filed.

SIGNED W. A. Morton

Date December 6, 1948

Title Agent
(President, Secretary or Agent)

Outline in the order of performance, together with the dates thereof, all important operations which alter the condition of the well. Include such information as depth at which redrilling operations were started, size of hole redrilled or deepened; size of pipe, amount of perforations in casing, weight and length of casing landed or cemented or removed; number of sacks of cement used in cementing or plugging operations and exact position thereof. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

Date	
Nov.5	Shot 7" O.D. Casing @ 2024', 1712', and 1411', and pulled from latter depth. Pulled up 30' and dumped 20' cement plug.
Nov.8	Drove wooden plug to 522' and dumped 33 sax of cement.
ov.9	Top of plug at 481'. Plugged 13 3/8" casing @ surface and abandoned.
Dec.3	Welded steel cap to top of 13 3/8".

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121

FORM 101.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
FEB 27 1948
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Morton and Sons Field XXX

Well No. El Toro Co. I4-I Sec. I4, T. 65, R. 8W, SB B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
0	502	502	drill	-	surface sands and blue clays and gravel boulders.
502	3500	2998	drill	-	blue and green shales; conglamerrate sands and black shales.
3500	3505	5'	core	5'	Dark gray to black silty shale, fractured and recemmented lime in fractured plane. Some slickenside no apparent dip.
3505	35I5	I0'	"	I½'	Shale as above
35I5	3520	5'	"	I0'	Shale as above
3520	353I	II'	"	I0'	"
353I	354I	I0	"	I0'	"
354I	3547	6'	"	6'	"
3547	3557	I0'	"	I0'	"
3557	3567	I0'	"	I0'	"
3567	3572	5'	"	3'	"
3572	3582	I0'	"	I0'	"
3582	3592	I0'	"	I0'	"
3592	3602	I0'	"	4'	"
3602	3607	5'	"	5'	"
3607	36I2	5'	"	5'	"
36I2	36I7	5'	"	5'	"
36I7	3623	6'	"	I½'	"
3623	3628	5'	"	9½'	"

FORM 101.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 27 1948
LOS ANGELES, CALIFORNIA

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator ..... Field .....

Well No. ..... Sec. ....., T. ....., R. ....., ... B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
p of Formation	Bottom of Formation				
3628	3637	10'	core	3½'	Shale as above
3637	3644	7'	"	8'	
3644	3654	10'	"	2'	
3654	3659	5'	"	5'	
3659	3664	5'	"	5'	
3664	3667	3'	"	3'	
3667	3677	10'	"	10'	Shale as above except there is
3677	3687	10'	"	10'	an apparent dip of 12°-18°, average 15°, N
3687	3697	10'	"	10'	evidence of fracture or slickensides
3697	3707	10'	"	10'	
3707	3717	10'	"	10'	
3717	3727	10'	"	7'	
3727	3733	6'	"	5'	
3733	3738	5'	"	1'	
3738	3743	5'	"	1½'	
3743	3745	2'	"	0'	

FORM 101.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 27 1948
LOS ANGELES, CALIFORNIA

LOG AND CORE RECORD OF OIL OR GAS WELLS

Operator ..... Field .....

Well No. ..... Sec. ....., T. ....., R. ....., ... B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
of Formation	Bottom of Formation				
3745	3755	I0 '		I0 '	shale as above
3755	3765	I0 '		I0 '	
3765	3775				
3775	3785				
3785	579I	2006	drill	none	black shale;sands and hard conglomerate.
579I	65I4	723 '	drill		Hard conglamerate and some reddish clay.
65I4	6528	I2 '	core	6 '	6' Hard dark green shist. Fractured.

CARDS | BOOK

- NOTE -

DO NOT DISCARD THIS PAGE

MAINTAIN IN PRESENT SEQUENCE

1015 West Olympic Boulevard
Los Angeles 15, California
February 6, 1951

Mr. Delbert D. Coker
17581 Newland Avenue
Huntington Beach, California

Agent for Morton and Sons

Dear Sir:

In regard to the location of your well No. "El Toro Co." 14-1, in Sec. 14, T. 6 S., R. 8 W., S. B. B. & M., Orange County, it has come to our attention that when the well is plotted in accordance with the survey by Hoy and Hoy of Santa Ana, the correct location is 450 feet south and 2450 feet west from the northeast corner of projected Sec. 14.

We are therefore correcting our records accordingly.

Yours truly,

E H Musser
Deputy Supervisor
ma

cc - Mr. R. D. Bush (2)
Morton and Sons
Long Beach

JLW:ES

Corrections Made as Follows:	By Whom
Form 114	
" 115	
" 131	
" 173	
Cards	
Production	
Well Records	
Field Maps Tape 73	JLW
Map Book	

79830 9-47 3M SPO

STATE OF CALIFORNIA

SAN FRANCISCO 11

Inter-Departmental Communication

DIVISION OF OIL AND GAS
RECEIVED
DEC 31 1948
LOS ANGELES, CALIFORNIA

To: E. H. Musser
Los Angeles

Date: December 30, 1948

From: **State Division of Oil and Gas**

Have all conditions been fulfilled, and if so, when, under bond No. 126133, covering Morton & Sons well No. "El Toro Co." 14-1, Sec. 14, T. 6 S., R. 8 W., S. B. B. & M.?

R. D. Bush
State Oil and Gas Supervisor

Ok release bond as of 12-31-48
[illegible]
1-4-49

1-7-49: Form 150b. my

W. W. HOY
MEMBER AMERICAN SOCIETY
CIVIL ENGINEERS
STATE REG. CIVIL ENG. NO. 70
RES. PHONE 4111-W

W. W. HOY AND JOHN M. HOY
CIVIL ENGINEER AND SURVEYOR
112 WEST FIFTH STREET
SANTA ANA, CALIFORNIA
PHONE 6506

JOHN M. HOY
LICENSED LAND SURVEYOR NO. 2326
RES. PHONE 4761-R

October 22, 1947.

DESCRIPTION OF WELL LOCATION FOR MORTON AND SONS

Located in Lot 10 of the Rancho Canada de Los Alisos, being 5527.89 feet North 86° 55' 20" East from a 4 x 4 post in the Northwesterly line of the said Rancho Canada de Los Alisos, said post marking the Easterly corner of Lot 304, Block 173 of the Irvine Subdivision as shown on map thereof recorded in Book 1, Page 88, Miscellaneous Record Maps of Orange County, California.

The elevation of offset stake is 591.2.

The elevation of well is 582.6.

FORM 107. 36343 7-44 17,500
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

RECEIVED
NOV 8 - 1948
LOS ANGELES, CALIFORNIA

Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given fifteen days before work begins when possible

Long Beach Calif. 1 Nov. 1948 19

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ (Cross out unnecessary words) altering casing at well No. El Toro Co. 14-1

, Sec. 14, T. 6S, R. 8W, S.B. B. & M.

xxx Field, Orange County.

The present condition of the well is as follows:

1. Complete casing record.

a) 17½" rotary hole drilled to 507'.
b) 13 3/8" casing, 48#, seamless H 40, cemented @ 502' with 310 sax of construction cement on 1 November 1947.
c) 11" rotary hole drilled to 5791'.
d) 7", 23#, J 55 smlns csg cemented @ 5791 w 500 sax of construction cement on 23 Dec. 1947.
e) Drill 6 1/8" hole to present T.D. of 6526'.
f) Run ELD to bottom. THERE WAS NO EVIDENCE OF SALINE WATERS AT ANY DEPTH IN THIS WELL OR IN MORTON and SONS IRVINE 15-1 DRILLED ONE MILE TO THE WEST
g) Fill hole with heavy mud, weld cap at surface, suspend operations. 14 Jan

2. Last produced Never produced
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

a) Shoot and pull 7" casing from as deep as possible. placing a 20' plug on stub of 7" before pulling casing more than 30'.
b) Place a 20' cement plug 20' in and 20' out of shoe of 13 3/8" @ 502'.
c) Weld cap on 13 3/8" @ surface.
d) DOG to witness location and hardness of plug @ 480' and at stub of 7", wherever that may be.

abandon

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
			126133		

Morton and Sons
(Name of Operator)

By W. A. Morton

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 1-48989

Los Angeles 15, Calif. November 18, 19 48

Mr. John W. Jordan
Huntington Beach, Calif.
Agent for MORTON AND SONS

DEAR SIR:

Operations at your well No. "El Toro Co." 14-1 Sec. 14, T. 6 S., R. 8 W., S. B. B. & M., (El Toro Area) ~~XXXX~~, in Orange County, were witnessed by M. B. Albright, Inspector, representative of the supervisor, on November 5, 19 48. There was also present V. Tull, Driller; R. Dunning, Helper.

Casing Record 13-3/8" cem. 502'; 7" cem. 5791', shot at 2024', 1712', 1411', and pulled from 1411'. T.D. 6526', plugged with cement 1411'-1391'±.

Junk None

The operations were performed for the purpose of testing the location and hardness of a cement plug placed from 1411' to 1391'± in the process of abandonment.

The inspector arrived at the well at 6:00 p.m. and Mr. Tull reported:

1. The 7" casing was shot at 2024', 1712', 1411', and was pulled up 15'.
2. A wooden plug was driven to 1411'.

THE INSPECTOR NOTED THAT 8 sacks of cement was dumped into the hole at 1411', calculated to fill to the depth of 1391'.

The operations were completed at 8:00 p.m.

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

MBA:OH

ma/kep

cc- Morton & Sons
Long Beach

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Muesser Deputy

86681 2-48 16,250 ② SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 1-47491

Los Angeles 15, Calif. December 5, 1947

Mr. Warren A. Morton
Balboa, Calif.
Agent for MORTON AND SONS

DEAR SIR:

Operations at your well No. "El Toro Co." 14-1 Sec. 14, T. 6 S., R. 8 W., S. B. B. & M., (El Toro Area) ~~Field~~, in Orange County, were witnessed by John M. Carls, Inspector, representative of the supervisor, on November 24, 1947. There was also present W. E. Sauder, Drilling Foreman
R. C. Brewer, Driller

Casing Record 13-3/8" cem. 502'; T.D. 4408'

Junk None

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 3:30 p.m. and Mr. Sauder reported:

1. A 17-1/2" rotary hole was drilled from surface to 507'.
2. On November 1, 1947, 13-3/8" 48 lb. casing was cemented at 502' with 310 sacks of cement.
3. An 11" rotary hole was drilled from 507' to 4408'.

THE INSPECTOR NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole and for closing around the 4-1/2" drill pipe.
2. A Hydril blowout preventer for closing around the 4-1/2" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 3" mud fill-up line, with a 3" high pressure gate valve, into the 13-3/8" casing, below the above equipment.

The inspection was completed at 4:15 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

12/22/47 - Coleman Morton/Rook, phone. T.D. 5700', have several bad spo[illegible] in hole & fear possible keyseating. No oil or gas shows penetrated [illegible] date. Want set 7" protection string, and then drill on to base [illegible] Are undecided if they want to make w.s.o. test. Told him [illegible] that we would witness w.s.o. test if they made one other. We would have to witness splice test & shut off thru hole in case a liner was run later.

cc - Company
Long Beach

JMC:ES

R/W

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Meesser Deputy

59352 6-46 15M
STATE PRINTING OFFICE

FORM 111.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 1-44336

Los Angeles 15, Calif. December 26, 1947

MR. Warren A. Morton

Balboa, Calif.

Agent for MORTON AND SONS

DEAR SIR:

Your supplementary proposal to drill Well No. "El Toro Co." 14-1, Section 14, T. 6 S., R. 8 W., S.B. B. & M., (El Toro Area) Field, Orange County, dated Dec. 22, 1947, received Dec. 23, 1947, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The new conditions are as follows:

1. A 17-1/2" rotary hole was drilled from surface to 507'.
2. 13-3/8" 48# casing was cemented at 502' with 310 sks. of cement.
3. An 11" rotary hole was drilled from 507' to 5774'."

PROPOSAL:

"We now propose

1. To run in and cement a 7" 23# string of protective casing to 5774'.
2. Deepen hole with 6-1/8" rotary tools."

DECISION:

THE PROPOSAL IS APPROVED.

SHR:OH

cc- Company
Long Beach

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy
EHB

Bond No. 126133

FORM III.
CALIFORNIA STATE PRINTING OFFICE

Records Filed
100
101
103
E. Log

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 1-44069

Los Angeles 15, Calif. October 29, 1947

Mr. Warren A. Morton
Balboa, Calif.
Agent for MORTON AND SONS

17

Dear Sir:

Your proposal to drill Well No. "El Toro Co." 14-1, Section 14, T. 6 S., R. 8 W., S.B. B. & M., (El Toro Area) ~~xxxx~~ Orange County, dated Oct. 24, 1947, received Oct. 24, 1947, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES: 450' S., 2450' W. from the NE cor. of projected Sec. 14
"The well is ~~2760 feet N. and 540 feet E. from SW corner of Section 14~~
Elevation of ground above sea level 591.2 feet.
All depth measurements taken from top of Kelley Bushing, which is 11 feet above ground.
We estimate that the first productive oil or gas sand should be encountered at a depth of about 4000 feet."

PROPOSAL:
"We propose to use the following strings of casing, either cementing or landing them as herei indicated:

Size of Casing	Weight	Grade and Type	Depth	Landed or Cemented
13 3/8"	48#	H-40	500	Cemented.

Additional casing program to be determined from results obtained while drilling, subject to approval of the D. O. G.
Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:
This division does not have sufficient data available upon which to base an estimate of the depth at which oil- or gas-bearing formations should be encountered in this vicinity, nor the depth at which a water shut-off should be effected.

THE PROPOSED DRILLING PROGRAM IS APPROVED, HOWEVER, PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed.
3. At least 500' of surface casing shall be cemented in the hole for the purpose of protecting surface or domestic water supplies.
4. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
5. A supplementary proposal shall be filed with this division prior to running any additional casing into the hole.
6. THIS DIVISION MUST BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 1000'.
   (b) When oil- or gas-bearing formations are encountered.
   (c) To examine cores and/or electrical log before running any casing. Other requirements may be specified at that time.

SHR:OH

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Muesser Deputy

cc- Company
Long Beach
Bond No. 126133

FORM 107. 36343 7-44 17,500
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given fifteen days before work begins when possible

Long Beach Calif. 15 January 1948

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or altering casing~~ suspending operations at well No. ~~ElToro Co 14-1~~
(Cross out unnecessary words)

_____, Sec. 14, T. 6S, R. 8W, SbB. B. & M.

~~xxxx~~ Field, Orange County.

The present condition of the well is as follows:

1. Complete casing record.
   a) 17½" Rotary hole drilled to 507'.
   b) 13 3/8",48#,H 40 seamless casing cemented @ 502' with 310 sax of con. cement on 1 November 1947.
   c) 11" Rotary hole drilled to 5791'.
   d) 7" ,23#,J-55 smlss csg cemented @ 5791 w 500 sax of con. cement on 23 Dec. 1947.
   e) Drill 6 1/8" hole to present T.D. of 6526'.

2. Last produced Never Produced (Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

a) Fill hole with extra heavy mud.
b) Weld cap on casing head with outlet to keep hole full of mud.
c) Suspend operations pending geologic decisions by the operator.
d) Notify Division of Oil and Gas when a decision is reached to either deepen or abandon hole.

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
			126133	Emd	Emd

Morton and Sons
(Name of Operator)

By W A Morton
W.A.Morton, Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 111.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 1-44418

Los Angeles 15, Calif. January 20, 1948

MR. Warren A. Morton

Balboa, Calif.

Agent for MORTON AND SONS

DEAR SIR:

Your supplementary proposal to drill Well No. "El Toro Co." 14-1, Section 14, T. 6 S., R. 8 W., S.B. B. & M., (El Toro Area) ~~Field~~ Orange County, dated Jan. 15, 1948, received Jan. 16, 1948, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

RECORDS: The condition of the well is as stated in the notice.

THE NOTICE STATES:

"The present condition of the well is as follows:

1. Complete casing record.
   a) 17-1/2" Rotary hole drilled to 507'.
   b) 13 3/8", 48# H 40 seamless casing cemented @ 502' with 310 sax of con. cement on 1 November 1947.
   c) 11" Rotary hole drilled to 5791'.
   d) 7", 23#, J-55 smlss csg cemented @ 5791 w 500 sax of con. cement on 23 Dec. 1947.
   e) Drill 6 1/8" hole to present T. D. of 6528'.
2. Last produced Never Produced."

PROPOSAL:

"The proposed work is as follows:

a) Fill hole with extra heavy mud.
b) Weld cap on casing head with outlet to keep hole full of mud.
c) Suspend operations pending geologic decisions by the operator.
d) Notify Division of Oil and Gas when a decision is reached to either deepen or abandon hole."

DECISION:

THE PROPOSAL IS APPROVED.

9-13-48 - Job Morton/Rook, phone.
Will send in notice to abnd. -
5812-5771
1) pg. w/cem.
2) Recover all 7" possible
3) Place 20' pg. on stub of 7"
4) pg w/cem. 522'-480'
5) Weld steel plate on 13 3/8" at surf. Div. to witness plugs at 5771' & 480'
OK. SHR.

SHR:OH

cc- Morton & Sons
Long Beach

Records Filed

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

Bond No. 126133

FORM 123. 49115 9-45 7500
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
DEC 22 1947
LOS ANGELES, CALIFORNIA

Supplementary Notice

Long Beach Calif. Dec. 22 19 47

DIVISION OF OIL AND GAS

Los Angeles Calif.

Our notice to you dated 24 October, 19 47, stating our intention to

drill (Drill, deepen, redrill, abandon) well No. El Toro Co. 14-1,

Sec. 14, T. 6S, R. 8W, S.B. B. & M. xx Field,

ORANGE County, must be amended on account of changed or recently discovered conditions.

The new conditions are as follows:

1. A 17½" rotary hole was drilled from surface to 507'.
2. 13-3/8" 48# casing was cemented at 502' with 310 sks. of cement.
3. An 11" rotary hole was drilled from 507' to 5774'.

We now propose

1. To run in and cement a 7" 23# string of protective casing to 5774'.
2. Deepen hole with 6-1/8" rotary tools.

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
			126133	Ent	Ent

Sup. drill

Morton and Sons
(Name of Operator)

By C. W. Morton

FORM 111.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 1-45838

Los Angeles 15, Calif. November 4, 1948

Mr. John W. Jordan

Huntington Beach, Calif.

Agent for MORTON AND SONS

Dear Sir:

Your proposal to ABANDON Well No. "El Toro Co." 14-1, Section 14, T. 6 S., R. 8 W., S.B. B. & M., (El Toro Area) Field, Orange County, dated Nov. 1, 1948, received Nov. 3, 1948, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

RECORDS IN ADDITION TO, OR AT VARIANCE WITH, THOSE SHOWN IN THE NOTICE:
No oil or gas zones were encountered.

THE NOTICE STATES:
"The present condition of the well is as follows:
1. Complete casing record.
   a) 17½" rotary hole drilled to 507'.
   b) 13 3/8" casing, 48#, seamless H 40, cemented @ 502' with 310 sax of construction cement on 1 November 1947.
   c) 11" rotary hole drilled to 5791'.
   d) 7", 23#, J 55 smlss casg cemented at 5791 w 500 sax of construction cement on 23 Dec. 1947.
   e) Drill 6 1/8" hole to present T.D. of 6526'.
   f) Run ELD to bottom. THERE WAS NO EVIDENCE OF SALINE WATERS AT ANY DEPTH IN THIS WELL OR IN MORTON and SONS IRVINE 15-1 DRILLED ONE MILE TO THE WEST.
   g) Fill hole with heavy mud, weld cap at surface, suspend operations. 14 Jan '47
2. Last produced Never produced."

PROPOSAL:
"The proposed work is as follows:
a) Shoot and pull 7" casing from as deep as possible. placing a 20' plug on stub of 7" before pulling casing more than 30'.
b) Place a cement plug 20' in and 20' out of shoe of 13 3/8" @ 502'.
c) Weld cap on 13 3/8" @ surface.
d) DOG to witness location and hardness of plug @ 480' and at stub of 7", whereever that may be."

DECISION:
THE PROPOSAL IS APPROVED.

SHR:OH ma/ar

cc- Morton & Sons
Long Beach

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

Bond No. 126133.

1015 West Olympic Boulevard
Los Angeles 15, California
January 7, 1949

Mr. John W. Jordan,
221 - 7th Street,
Huntington Beach, California.

Agent for Norton and Sons

Dear Sir:

Your report of abandonment of well No. "El Toro Co." 14-1, Sec. 14, T. 6 S., R. 8 W., S. B. B. & M., Orange County, dated December 6, 1948, and submitted to this division on our form No. 102, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this division, which are based on all information filed with it, have been fulfilled.

Yours truly,

R. D. BUSH
State Oil and Gas Supervisor

By R. H. Musser
Deputy Supervisor

cc - Mr. R. D. Bush
Norton and Sons
Long Beach

es

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
Topo 73 JLW	JLW				

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 1-48990

Los Angeles 15, Calif. November 18, 1948

Mr. John W. Jordan
Huntington Beach, Calif.
Agent for MORTON AND SONS

1M

DEAR SIR:

Operations at your well No. "El Toro Co." 14-1 Sec. 14, T. 6 S., R. 8 W., S. B. B. & M., (El Toro Area) ~~xxxx~~, in Orange County, were witnessed by J. M. Carls, Inspector, representative of the supervisor, on November 9, 1948. There was also present V. Tull, Driller; R. Dunning, Helper.

Casing Record 13-3/8" cem. 502'; 7" cem. 5791', shot at 2024', 1712', 1411', and pulled from 1411'; T. D. 6526', plugged with cement 1411'-1391' and 522'-481'.

Junk None

The operations were performed for the purpose of testing the location and hardness of a cement plug placed from 522' to 481' in the process of abandonment.

~~The inspector arrived at the well xxxxxxxxxxxxxxxxxxx and Mr. xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx reported~~

INSPECTOR CARLS VISITED THE WELL AT 4:00 P. M., NOVEMBER 8, 1948, AND MR. TULL REPORTED THAT a wooden plug was driven to 522'.
THE INSPECTOR NOTED THAT plugging operations were started by dumping cement in the hole at 522'.

THE INSPECTOR ARRIVED AT THE WELL AT 10:00 A. M., AND MR. TULL REPORTED THAT on November 8, 1948, 32 sacks of cement was dumped in the hole at 522'.

THE INSPECTOR NOTED THAT the bailer could not be spudded below 481' and brought up a sample of set cement.

The test was completed at 11:00 a.m.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 481' ARE APPROVED.

JMC:OH

ma/ay

cc- Morton & Sons
Long Beach

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

86681 2-48 16,250 ② SPO

SCAQMD RECORDS

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Search Again

Facility ID	Facility Name	Facility Address	RECLAIM	Title V	Facility Status
129607	IRVINE RANCH WATER DISTRICT	21082 WISTERIA ST , LAKE FOREST, CA 92630			ACTIVE
69408	LOS ALISOS WATER DIST	21082 WISTERIA ST , LAKE FOREST, CA 92630			

First | Prev | Page 1 of 1 (2 records) | Next | Last | Page 1 | Export To Excel

21865 Copley Dr, Diamond Bar, CA 91765 - (909) 396-2000 - (800) CUT-SMOG (288-7664)

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Facility Details

Facility ID	129607
Company Name	IRVINE RANCH WATER DISTRICT
Address	21082 WISTERIA ST
	LAKE FOREST, CA 92630

View Area Map

Status ACTIVE

Are there any back fees due?

No.

SIC Code	Description
4941	WATER SUPPLY

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Equipment List

Facility ID 129607

Company Name IRVINE RANCH WATER DISTRICT

Address 21082 WISTERIA ST

LAKE FOREST, CA 92630

Appl_Nbr	Permit_Nbr	Issued_Date	Permit_Status	Eq_Type	Equip_Description	Appl_Date	Appl_Status
390855	F44529	9/27/2001	ACTIVE	Basic	I C E (50-500 HP) EM ELEC GEN-DIESEL	9/6/2001	PERMIT TO OPERATE GRANTED
390847	F44530	9/27/2001	ACTIVE	Basic	I C E (50-500 HP) EM ELEC GEN-NG & LPG	9/6/2001	PERMIT TO OPERATE GRANTED

First | Prev | Page 1 of 1 (2 records) | Next | Last | Page 1 | Export To Excel

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SOUTH COAST AQMD

Facility INformation Detail (FIND)

Application Details

Application/Tracking Number 390855

Facility Information

Business Name	IRVINE RANCH WATER DISTRICT		
Facility ID	129607	Facility Status	ACTIVE

Application Information

Application Type	Change of Ownership	Application Received	9/6/2001
Application Status	PERMIT TO OPERATE GRANTED	Application Deemed Complete	9/20/2001
Equipment Desc	I C E (50-500 HP) EM ELEC GEN-DIESEL		
Permit Number	F44529	Permit Status	ACTIVE

View Permit Image

Engineer Information

Engineer Assigned	LISA KREBS		
Engineer Phone	(909) 396-2384	Team Assigned	N

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Application Details

Application/Tracking Number 390847

Facility Information

Business Name	IRVINE RANCH WATER DISTRICT		
Facility ID	129607	Facility Status	ACTIVE

Application Information

Application Type	Change of Ownership	Application Received	9/6/2001
Application Status	PERMIT TO OPERATE GRANTED	Application Deemed Complete	9/20/2001
Equipment Desc	I C E (50-500 HP) EM ELEC GEN-NG & LPG		
Permit Number	F44530	Permit Status	ACTIVE

View Permit Image

Engineer Information

Engineer Assigned	LISA KREBS		
Engineer Phone	(909) 396-2384	Team Assigned	N

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Facility Details

Facility ID	69408
Company Name	LOS ALISOS WATER DIST
Address	21082 WISTERIA ST
	LAKE FOREST, CA 92630

View Area Map

Status SOLD

SIC Code	Description
4941	WATER SUPPLY

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Equipment List

Facility ID 69408

Company Name LOS ALISOS WATER DIST

Address 21082 WISTERIA ST

LAKE FOREST, CA 92630

Appl_Nbr	Permit_Nbr	Issued_Date	Permit_Status	Eq_Type	Equip_Description	Appl_Date	Appl_Status
351703	F44132	9/15/2001	INACTIVE	Basic	I C E (50-500 HP) EM ELEC GEN-DIESEL	2/23/1999	PERMIT TO OPERATE GRANTED
315930	F6517	4/16/1997	INACTIVE	Basic	I C E (50-500 HP) EM ELEC GEN-NG & LPG	5/1/1996	PERMIT TO OPERATE GRANTED
191508	D10451	10/6/1989	INACTIVE	Basic	SEWAGE TREATMENT (>5 MG/D) AEROBIC	4/14/1989	PERMIT TO OPERATE GRANTED
191508	D10451	10/6/1989	INACTIVE	Control	SCRUBBER, OTHER VENTING S.S.	4/14/1989	PERMIT TO OPERATE GRANTED

First | Prev | Page 1 of 1 (4 records) | Next | Last | Page 1 | Export To Excel

21865 Copley Dr, Diamond Bar, CA 91765 - (909) 396-2000 - (800) CUT-SMOG (288-7664)

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Application Details

Application/Tracking Number 351703

Facility Information

Business Name	LOS ALISOS WATER DIST		
Facility ID	69408	Facility Status	SOLD

Application Information

Application Type	Permit to Operate without prior Permit to Construct	Application Received	2/23/1999
Application Status	PERMIT TO OPERATE GRANTED	Application Deemed Complete	1/12/1999
Equipment Desc	I C E (50-500 HP) EM ELEC GEN-DIESEL		
Permit Number	F44132	Permit Status	INACTIVE

View Permit Image

Engineer Information

Engineer Assigned	ANURAG SAHNI		
Engineer Phone	( ) -	Team Assigned	W1

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Application Details

Application/Tracking Number 315930

Facility Information

Business Name	LOS ALISOS WATER DIST		
Facility ID	69408	Facility Status	SOLD

Application Information

Application Type	Permit to Operate without prior Permit to Construct	Application Received	5/1/1996
Application Status	PERMIT TO OPERATE GRANTED	Application Deemed Complete	4/19/1996
Equipment Desc	I C E (50-500 HP) EM ELEC GEN-NG & LPG		
Permit Number	F6517	Permit Status	INACTIVE

Engineer Information

Engineer Assigned			
Engineer Phone		Team Assigned	G1

21865 Copley Dr, Diamond Bar, CA 91765 - (909) 396-2000 - (800) CUT-SMOG (288-7664)

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Application Details

Application/Tracking Number 191508

Facility Information

Business Name	LOS ALISOS WATER DIST		
Facility ID	69408	Facility Status	SOLD

Application Information

Application Type	Permit to Operate	Application Received	4/14/1989
Application Status	PERMIT TO OPERATE GRANTED	Application Deemed Complete	
Equipment Desc	SEWAGE TREATMENT (>5 MG/D) AEROBIC; SCRUBBER, OTHER VENTING S.S.		
Permit Number	D10451	Permit Status	INACTIVE

View Permit Image

Engineer Information

Engineer Assigned			
Engineer Phone		Team Assigned	03

21865 Copley Dr, Diamond Bar, CA 91765 - (909) 396-2000 - (800) CUT-SMOG (288-7664)

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Application Details

Application/Tracking Number 191508

Facility Information

Business Name	LOS ALISOS WATER DIST		
Facility ID	69408	Facility Status	SOLD

Application Information

Application Type	Permit to Operate	Application Received	4/14/1989
Application Status	PERMIT TO OPERATE GRANTED	Application Deemed Complete	
Equipment Desc	SEWAGE TREATMENT (>5 MG/D) AEROBIC; SCRUBBER, OTHER VENTING S.S.		
Permit Number	D10451	Permit Status	INACTIVE

View Permit Image

Engineer Information

Engineer Assigned			
Engineer Phone		Team Assigned	03

21865 Copley Dr, Diamond Bar, CA 91765 - (909) 396-2000 - (800) CUT-SMOG (288-7664)

DTSC RECORDS

Linda S. Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Maureen F. Gorsen, Director
5796 Corporate Avenue
Cypress, California 90630

Arnold Schwarzenegge
Governor

April 8, 2008

Ms. Meredith Church, PG
Project Geologist
Leighton and Associates, Inc.
17781 Cowan, Suite 140
Irvine, California 92614

104-132-36, -64, -65, -83, & -84; 20996 MARIN AND 21082 & 21084 WISTERIA,
LAKE FOREST, CALIFORNIA 92630
PR#404040811

Dear Ms. Church:

The Department of Toxic Substances Control has received your request to review records under the Public Records Act.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced above.

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available at each DTSC Regional File Room for use by community members to view EnviroStor.

If you have any questions or would like further information regarding your request, please contact our Regional Records Coordinators at (714) 484-5337.

Sincerely,

Julie Johnson

Julie Johnson
Regional Records Coordinator

brm

Printed on Recycled Paper

Linda S. Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Maureen F. Gorsen, Director
9211 Oakdale Avenue
Chatsworth, CA 91311

Arnold Schwarzenegger
Governor

June 18, 2008

Ms. Meredith Church, PG
Project Geologist
Leighton & Associates, Inc.
17781 Cowan, Suite 140
Irvine, Ca 92614

VARIOUS SITES
PR30617084

Dear Ms. Church:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced below.

- APN 104-132-36, -65,-65,-83, & -84, Lake Forest, Ca 92630
- 20996 Marin, Lake Forest, Ca 92630
- 21082 & 21804 Wisteria, Lake Forest, Ca 92630

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions, would like further information regarding your request or would like an appointment to visit Glendale's Central Files, please contact me at (818) 717-6521.

Sincerely,

Vivien Tutaan

Vivien Tutaan/bh
Regional Records Coordinator

Printed on Recycled Paper

OCHCA RECORDS

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

JULIETTE A. POULSON, RN, MN
DIRECTOR

DAVID M. SOULELES, MPH
DEPUTY AGENCY DIRECTOR

RICHARD SANCHEZ, REHS, MPH
DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
1241 E. DYER ROAD
SUITE 120
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

Excellence
Integrity
Service

INVOICE

4/14/2008

FAXED 4-14
949-253-9750

LEIGHTON ASSOCIATES
MEREDITH CHURCH
17781 COWAN
IRVINE CA 92614-

RE: PUBLIC RECORDS REQUEST #: 13292

20996 MARIN, L.F/21082 &21084 WISTERIA L.F

SUMMARY OF CHARGES		CHARGES	CREDITS
			$0.00
11	COPIES MADE @ 0.15 EACH	$1.65	
	Mailing/Other Charges	$1.48	
	TOTAL Charges	$3.13	
	BALANCE DUE		$3.13

Please remit to: Environmental Health Records Unit
1241 E. Dyer Road, Suite 120
Santa Ana, CA 92705

If you have any questions, please call this office at (714) 433-6022.

*****RECORDS WILL BE MAILED UPON RECEIPT OF PAYMENT*****

Federal TAX ID: 95-6000-928W

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

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JULIETTE A. POULSON, RN, MN
DIRECTOR

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DEPUTY AGENCY DIRECTOR

RICHARD SANCHEZ, REHS, MPH
DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
1241 E. DYER ROAD
SUITE 120
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

4/10/2008

LEIGHTON
MEREDITH CHURCH
17781 COWAN
IRVINE CA 92614-

RE: EHD REQ #: 13292

20996 MARIN, L.F/21082 &21084 WISTERIA L.F

Attached, please find the information that you have requested.

The information was prepared in the ordinary course of the business concerned at or near the time of the act, condition, or event, which they depict.

If you have any question, please call this office at (714) 433-6022.

Environmental Health Records Unit

Attachment(s):

11 Pages

Orange County TAX ID: 95-6000-928W

EHD RECORDS PROVIDED

13292

MAILING ADDRESS:
1241 E. DYER ROAD STE 120
SANTA ANA, CA 92705

TELEPHONE: (714) 433-6000
FAX: (714) 433-6424

COUNTY OF ORANGE
HEALTH CARE AGENCY

ENVIRONMENTAL HEALTH
http://www.ochealthinfo.com/regulatory/environ.htm

REQUEST FOR ENVIRONMENTAL HEALTH RECORDS

The undersigned hereby requests a copy of the records prepared and maintained by the Health Care Agency in the ordinary course of business, at or near the time of the act, condition, or event which they depict.

The records requested are maintained under the Public Records Act Government Code § 6250 – 6276.48. Some information held in the documents may be exempt from release pursuant to the Public Records Act.

The undersigned understands that the Health Care Agency will charge $0.15 per page copied. In the case of a request for a large number of copies, the Health Care Agency may provide the requestor an estimate of copy costs prior to making said copies. If any request is to be canceled, this office must be notified at the above number within ten (10) days of receipt of request, otherwise cost incurred will be charged to the undersigned.

In order to assist you, please describe the reason for your request:

Phase I ESA

Please list addresses here (no more than 10 addresses per request):

20996 Marin, Lake Forest 92630
21082 and 21084 Wisteria, Lake Forest 92630
and Baker Filtration Plant, El Toro, 92630 (if you can search by Facility Name)

Check here if you would like a review only or to review before copies are made ☐

SIGNATURE of Requester

Meredith Church, Leighton
PRINT Name of Requester (and Company Name - if applicable)

17781 Cowan
PRINT Street Address

949 681-4208
Area Code and Phone Number

Irvine, CA 92614
PRINT City, State and Zip Code

4/4/08
Date

9

COUNTY OF ORANGE
HEALTH CARE AGENCY

ENVIRONMENTAL HEALTH
http://www.ochealthinfo.com/regulatory/environ.htm

MAILING ADDRESS:
1241 E. DYER ROAD STE 120
SANTA ANA, CA 92705

TELEPHONE: (714) 433-6000
FAX: (714) 433-6424

ENVIRONMENTAL HEALTH HAZARDOUS WASTE / OTHER PROGRAM INFORMATION CHECKLIST

Please check only the records you need. This will enable us to search only the actual files that pertain to your request, cutting down time spent on searching for records that you may not want.

Site Specific Information	
☑	Above Ground Petroleum Storage Tank File
☑	California Accidental Release Prevention Program File
☑	Certified Unified Program Agency (CUPA) records
☑	City of Brea Hazardous Materials Business Plan File
☑	Complaints regarding Hazardous Waste or Underground Storage Tank Facility
☑	Hazardous Waste Generator Facility File
☑	Hazardous Waste Industrial Cleanup Site File
☑	Hazardous Waste Spill Response Log (Emergency Incidents Log)
☑	Leaking Underground Storage Tank Cleanup Site File
☑	Proposition 65 Notification
☑	Solid Waste Facility File (large files – need to be specific)
☑	Spill Prevention, Control and Countermeasure (SPCC) File
☑	Tiered Permit Facility File
☑	Underground Storage Tank File
☑	Water Quality Information

Information Lists*	
☐	List of all Hazardous Waste Generator Facilities in Orange County (HWFACILITIES.SRW)
☐	List of all Industrial Cleanup Sites in Orange County (IC PROGRAM CASES BY CITY.SRW)
☐	List of all Underground Storage Tank Cleanup Sites in Orange County
☐	List of all Underground Storage Tank Facilities in Orange County (USTFACILITIES.SRW)

Other information:_____

*Note: These lists are also available on the Environmental Health website at www.ochealthinfo.com/regulatory/downloads/reports.htm.
A list of Solid Waste landfills (which includes closed landfills) can be obtained through the California website: www.clwmb.ca.gov/SWIS/.

CPA - PROGRAM RECORD REQUEST

Inspector: J. Strozier Date: 12/19/02 SUPV. INITIALS: _____

UNDERGROUND STORAGE TANK

☐ INSTALL ☒ REMOVAL

Facility DBA: Baker Filtration Facility FA # 0024492

Site Address: 21082 Westerca #SR0103229

City: Lake Forest Zip: 92630 PR # 0024424

Data Entry Staff Only Program (Level) Status	☐ (01) Active/Billable	☐ (02) Inactive/non-Billable	☐ (03) Temp Inactive/non-billable

Tank Status (UST Level) General (tab)	INSTALL	REMOVAL
Status (Tank) TA # 600 Gallon Wastewater	☐ (01) Active/Billable	☒ (02) Inactive/non-Billable
Status (Tank) TA #	☐ (01) Active/Billable	☐ (02) Inactive/non-Billable
Status (Tank) TA #	☐ (01) Active/Billable	☐ (02) Inactive/non-Billable
Status (Tank) TA #	☐ (01) Active/Billable	☐ (02) Inactive/non-Billable

ENTERED DEC 3 1 2002

SERVICE REQUEST (Plan Check - Underground Storage Tank)

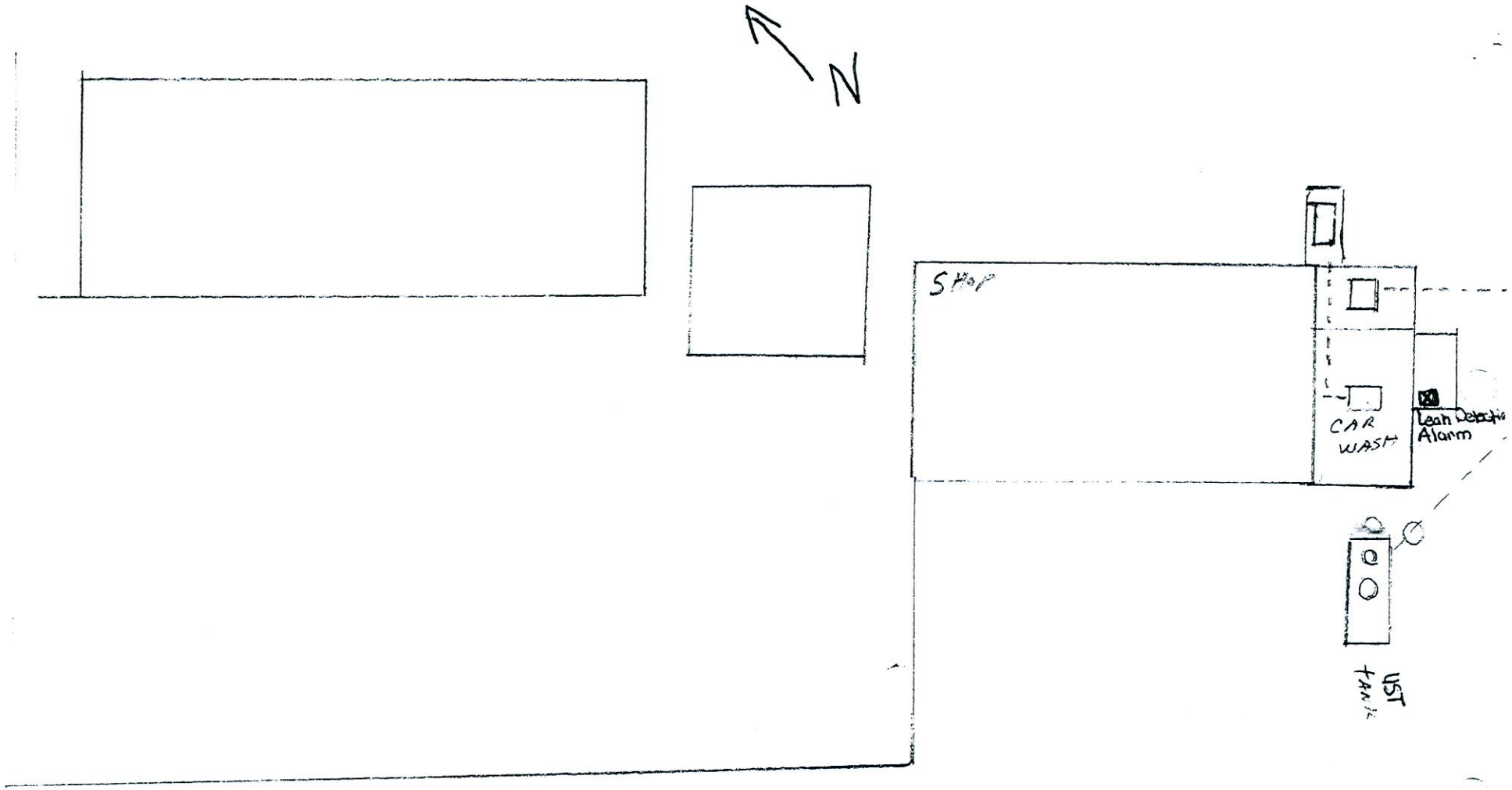
☐ LINK	SR #	- to - FA #
Facility DBA		
Site Address		
Plan Check (tab)	Plan Status	☐ (C) Complete
Comments (tab)	Date Service Completed	

COMPLAINT

CO#	Site Address:
Contact (tab) Status	☐ (05) Closed

TIERED PERMIT

Unit Type	Unit ID	Unit Name	Add	Close	Data Entry Only Program Level Status check all TP Units
					☐ 01 Billable ☐ 04 non-bill ☐ 02 Closed
					☐ 01 Billable ☐ 04 non-bill ☐ 02 Closed
					☐ 01 Billable ☐ 04 non-bill ☐ 02 Closed
					☐ 01 Billable ☐ 04 non-bill ☐ 02 Closed



Baker Facility UST Plot Diagram
21082 Wisteria, Lake Forest, Ca.

CUPA - PROGRAM RECORD REQUEST

Inspector: J. Stovin Date: 3/27/03 SUPV. INITIALS: _____

UNDERGROUND STORAGE TANK			
☐ INSTALL		☒ REMOVAL	
Facility DBA	Baker Filtration Facility	FA #	
Site Address	21082 Wisteria	SR# 0103 229	
City Lake Forest	Zip 92630	PR #	
Data Entry Staff Only Program (Level) Status	☐ (01) Active/Billable	☐ (02) Inactive/non-Billable	☐ (03) Temp Inactive/non-billabl

Tank Status (UST Level) General (tab)	INSTALL	REMOVAL
Status (Tank) TA #	☐ (01) Active/Billable	☐ (02) Inactive/non-Billable
Status (Tank) TA #	☐ (01) Active/Billable	☐ (02) Inactive/non-Billable
Status (Tank) TA #	☐ (01) Active/Billable	☐ (02) Inactive/non-Billable
Status (Tank) TA #	☐ (01) Active/Billable	☐ (02) Inactive/non-Billable

SERVICE REQUEST (Plan Check - Underground Storage Tank)			
☐ LINK	SR #	- to -	FA # 0024492
Facility DBA			
Site Address			
Plan Check (tab)	Plan Status	☒ (C) Complete Removal Complete	
Comments (tab)	Date Service Completed	Sent Completion letter 3/27/03	

ENTERED MAR 27 2003

COMPLAINT		
CO#	Site Address:	
Contact (tab)	Status	☐ (05) Closed

TIERED PERMIT					Data Entry Only
Unit Type	Unit ID	Unit Name	Add	Close	Program Level Status check all TP Units
					☐ 01 Billable ☐ 04 non-bill ☐ 02 Closed
					☐ 01 Billable ☐ 04 non-bill ☐ 02 Closed
					☐ 01 Billable ☐ 04 non-bill ☐ 02 Closed
					☐ 01 Billable ☐ 04 non-bill ☐ 02 Closed

COUNTY OF ORANGE
HEALTH CARE AGENCY

REGULATORY HEALTH SERVICES
ENVIRONMENTAL HEALTH

JULIETTE A. POULSON, RN, MN
DIRECTOR

MIKE SPURGEON
DEPUTY AGENCY DIRECTOR
REGULATORY HEALTH SERVICES

STEVEN K. WONG, REHS, MPH
DIRECTOR
ENVIRONMENTAL HEALTH

MAILING ADDRESS:
2009 EAST EDINGER AVENUE
SANTA ANA, CA 92705-4720

TELEPHONE: (714) 667-3600
FAX: (714) 972-0749
E-MAIL: environhealth@hca.co.orange.ca.us

Excellence
Integrity
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March 27, 2003

Dave Heaney
Irvine Ranch Water District
P. O. Box 57000
Irvine, CA 92619-7000

Subject: Completion Of Tank Removal Project

Re: Baker Filtration Facility
21082 Wisteria
Lake Forest, CA
Plan Check #SR0103229

Dear Mr. Heaney:

This is in response to your request for a confirmation of the completion of the waste water tank removal project. With the provision that the results for the soil samples obtained during the tank removal on December 19, 2002 and January 8, 2003 were accurate and representative of existing conditions, it is the position of this office that no significant soil contamination has occurred at the above noted facility location.

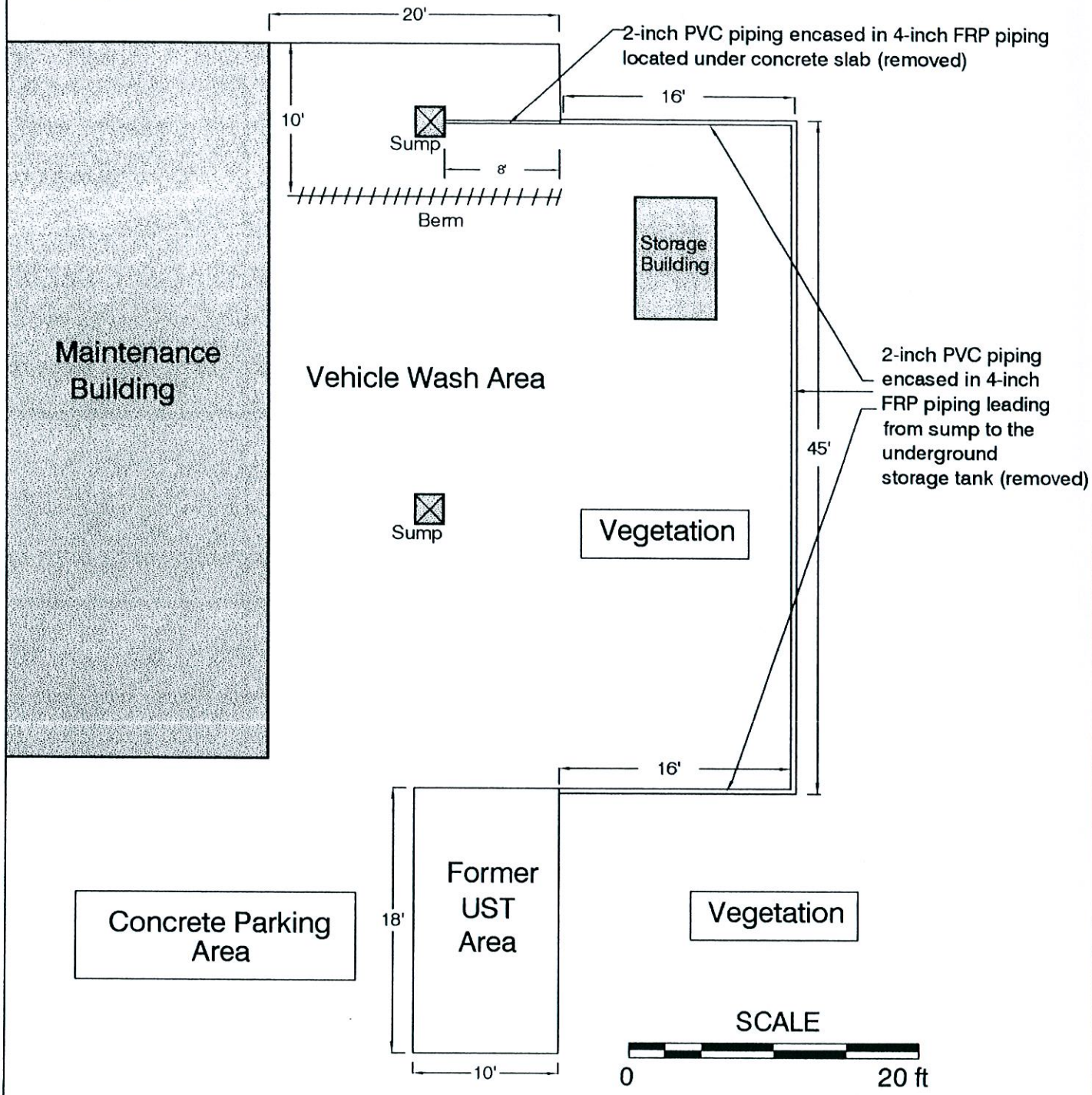
It should be pointed out that this letter does not relieve you of any responsibilities mandated under the California Health and Safety Code if additional or previously unidentified contamination is discovered at the subject site.

If you have any questions regarding this matter, please contact James Strozier at (714) 667-3711.

Sincerely,

Seth J. Daugherty
Supervising Hazardous Waste Specialist
Hazardous Materials Management Section
Environmental Health

cc: Michael Voeltz, Innovative Construction Solutions, Inc.



ICF CONSULTING		TITLE: FIGURE 2 SITE PLAN FORMER LOS ALISOS WATER DISTRICT BAKER FILTRATION PLANT (BAKER FACILITY) 21082 WISTERIA LAKE FOREST, CALIFORNIA	
APPROVALS	DATE		
DRAWN MSB	1/2003	PREPARED FOR: BAKER	SCALE: 1 INCH = 10 FEET
CHECKED BLM	1/2003		
QA/CONTROL		DATE: JAN. 2003	DWG. NO.: FIGURE2.DWG
TECH REVIEW SAB	1/2003		
PROJ MNGR SAB	1/2003	SOURCE: ICF CONSULTING	SHEET 1 OF 1

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) ...riter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD983601691 — Manifest Document No.: 03302
2. Page 1 of 1
Information in the shaded areas is not required by Federal law. EES6

3. Generator's Name and Mailing Address
IRVINE RANCH WATER DISTRICT
21082 WISTERIA
LAKE FOREST CA. 92630
4. Generator's Phone (949) 453-5725

A. State Manifest Document Number: 20803302
B. State Generator's ID:

5. Transporter 1 Company Name: EVERGREEN ENVIRONMENTAL SERVICES
6. US EPA ID Number: CAD982413262
C. State Transporter's ID [Reserved.]
D. Transporter's Phone: (510) 795-4400

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID [Reserved.]
F. Transporter's Phone:

9. Designated Facility Name and Site Address
EVERGREEN ENVIRONMENTAL SERVICES
16604 SOUTH SAN PEDRO STREET
CARSON, CA 90746
10. US EPA ID Number: CAD981696420
G. State Facility's ID: CAD981696420
H. Facility's Phone: (310) 769-0022

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. OIL/WATER Non-RCRA Hazardous waste, Liquid	001	TT	00300	G	State 221 / EPA/Other None
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
24 Hour Emergency Response Telephone No.: CHEMTREC 1-800-424-9300
DOT ERG 171 WEAR PROTECTIVE CLOTHING
Invoice #
Sales Order # 96600583

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: X MEN DIXON — Signature: [signature] — Month Day Year: 09 25 01

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: WILLIAM NAKISO — Signature: [signature] — Month Day Year: 09 25 01

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Month Day Year:

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

20803302

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95812-0400

Facility I.D. Number _____

INSPECTION REPORT CONTINUATION PAGE

County of Orange, Health Care Agency, Environmental Health
2009 E. Edinger Ave., Santa Ana, CA 92705
(714) 667-3600

DBA/Name Baker (IRWD) Address 21082 Wistena, LF

Viol. Sub. Cat.

Received Certificate of Return To Compliance dated 10/10/01. Supporting documents were submitted, as well.

Abate violations (054) old, (452) old, (451) old ⇒ (W90) new, (W31) new, (W30) new

No violations remain outstanding at this time. Facility no longer generates hazardous waste. Documentation of waste hauling represents final removal of waste.

Questions? Call me at 714/667-3783

Susan Berg
Specialist Name

11/16/01
Date

F272-09.373 C (R 8/01)

DISTRIBUTION: Original – file copy Canary – operator copy Pink - Specialist

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD983601691
Manifest Document No.: 00001
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
IRVINE RANCH WATER DISTRICT (BAKER PLANT)
21082 Wisteria
lake forrest, CA 92630
4. Generator's Phone (945) 453-5800

A. State Manifest Document Number: 99696413
B. State Generator's ID:

5. Transporter 1 Company Name: OCEAN BLUE ENVIRONMENTAL
6. US EPA ID Number: CAD983608258
C. State Transporter's ID [Reserved.]
D. Transporter's Phone: (562) 624-4120

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID [Reserved.]
F. Transporter's Phone:

9. Designated Facility Name and Site Address
CROSBY & OVERTON
1630 W. 17th. STREET
LONG BEACH, CA. 90813
10. US EPA ID Number: CAD028409019
G. State Facility's ID:
H. Facility's Phone: (562) 432-5445

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA HAZARDOUS WASTE, LIQUID	001	DM	00025	G	State 223 / EPA/Other —
b. NON - RCRA HAZARDOUS WASTE SOLID	001	DM	00095	P	State 223 / EPA/Other —
c. NON - RCRA HAZARDOUS WASTE LIQUID	001	DF	00030	G	State 223 / EPA/Other —
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11a. OILY WASTE WATER #16812
11b. OILY SOIL & DEBRIS 12865
11a. OILY WASTE WATER (POLY) 16812

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information
REQUESTER: Gil Ovalle PO# , JOB# , SITE ADDRESS:
WEAR APPROPRIATE PROTECTIVE CLOTHING:
EMERGENCY TELEPHONE# (562) 624-4120 (24HRS), CONTACT: ED LONG
ERG# 171

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: GILBERT OVALLE
Signature: Gilbert Ovalle
Month Day Year: 10 10 01

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: EDWARD A LONG
Signature: Edward A. Long
Month Day Year: 10 10 01

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year:

DO NOT WRITE BELOW THIS LINE.

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

99696413

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.: CAD 983 601 691

Manifest Document No.: C0001

22. Page: 2 OF 2

Information in the shaded areas is not required by Federal law.

23. Generator's Name: IRVINE RANCH WATER DISTRICT (BAKER PLANT) 21082 WISTERIA LAKE FOREST, CA. 92630 (949) 453-5800

L. State Manifest Document Number: 99692119

M. State Generator's ID:

24. Transporter 1 Company Name: OCEAN BLUE

25. US EPA ID Number: CAD983608258

N. State Transporter's ID:

O. Transporter's Phone: 562 624-4120

26. Transporter ___ Company Name:

27. US EPA ID Number:

P. State Transporter's ID:

Q. Transporter's Phone:

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, PG II (LAB PACK #1)		001	CF	00085	G	214 D001
b.	NON-RCRA HAZARDOUS WASTE LIQUID		001	DM	00002	G	331
c.	WASTE COMBUSTIBLE LIQUIDS, N.O.S., NA1993, PG III (MESSEL)		001	DM	00010	G	223
d.	NON RCRA HAZARDOUS WASTE LIQUID		001	DF	00050	G	
e.	NON-RCRA HAZARDOUS WASTE LIQUID		002	DM	00100	G	223
f.	NON RCRA HAZARDOUS WASTE LIQUID		002	DM	00060	G	221
g.	NON-RCRA HAZARDOUS WASTE SOLID		001	DM	00005	P	223
h.							
i.							

S. Additional Descriptions for Materials Listed Above

28a. LAB PACK #1
28b. LAB PACKS #7 & 9
28c. WATER & ANTI FREEZE
28d. ASPHALT EMULSION
28e. OILS
28f. (1) GREASE

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

See Page 1 of 2

GENERATOR

TRANSPORTER

33. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible]

Signature: [illegible]

Date: Month 10 Day 05 Year 01

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD983601691
Manifest Document No.: 00001
2. Page 1 of 2
Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
IRVINE RANCH WATER DISTRICT (BAKER PLANT)
21082 Wisteria
lake forrest, CA 92630
4. Generator's Phone (949) 453-5800

A. State Manifest Document Number: 99692119
B. State Generator's ID:

5. Transporter 1 Company Name: OCEAN BLUE ENVIRONMENTAL
6. US EPA ID Number: CAD983608258
C. State Transporter's ID [Reserved.]
D. Transporter's Phone: (562) 624-4120

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID [Reserved.]
F. Transporter's Phone:

9. Designated Facility Name and Site Address
CROSBY & OVERTON
1630 W. 17th. STREET
LONG BEACH, CA. 90813
10. US EPA ID Number: CAD028409019
G. State Facility's ID:
H. Facility's Phone: (562) 432-5445

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. RQ, WASTE FLAMMABLE LIQUIDS, N.O.S., 3; UN1993, PG II; (D001)	005	DM	00095	G	State 214 EPA/Other D001
b. WASTE AEROSOLS, FLAMMABLE, 2.1, UN1950	001	DM	00025	P	State 214 EPA/Other D001
c. WASTE PROPANE, 2.1, UN1978	001	DF	00010	P	State 331 EPA/Other D001
d. WASTE CORROSIVE LIQUIDS, N.O.S, 8 UN1760, PG II (LAB PACK)	001	DF	00001	G	State 331 EPA/Other D002

J. Additional Descriptions for Materials Listed Above
11a. LAB PACK DRUMS #2, 3, 4, 5 & 6 LP 20041
11b. OFF SPEC. AEROSOLS 18841
11c. ~~LAB PAC~~ OFF SPEC. PROPANE
11d. LAB PACK # 8 LP 20041

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
REQUESTER: GILBERT OVALLE PO# , JOB#12993 , SITE ADDRESS:
WEAR APPROPRIATE PROTECTIVE CLOTHING:
EMERGENCY TELEPHONE# (562) 624-4120 (24HRS), CONTACT:
ERO# 11a. 128 11b. 126 11c. 126 11d. 154

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Gilbert Ovalle GILBERT OVALLE
Signature: Gilbert Ovalle
Month Day Year: 10 05 01

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: EDWARD A. LONG
Signature: Edward A. Long
Month Day Year: 10 05 01

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year:

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

99692119

GENERAL NOTES

1. ALL NEW CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE UNIFORM BUILDING CODE, UNIFORM PLUMBING CODE, UNIFORM MECHANICAL CODE, UNIFORM FIRE CODE AND NATIONAL ELECTRIC CODE, LATEST EDITION.
2. OWNER SHALL PROVIDE CONSTRUCTION STAKING AS IDENTIFIED IN THE PROJECT MANUAL.
3. A GEOTECHNICAL INVESTIGATION OF THE SITE HAS BEEN COMPLETED BY COLEMAN GEOTECHNICAL, 3002 DOW AVENUE, SUITE 414, TUSTIN, CALIFORNIA 92680.
4. WINDOW DETAILS AND DIMENSIONS ARE BASED ON PELLA AWNING WINDOW SYSTEM. VERIFY AND COORDINATE ALL ROUGH OPENINGS WITH WINDOW MANUFACTURER'S REQUIREMENTS FOR MULLION REINFORCEMENTS AND ROUGH OPENING DIMENSIONS.
5. ALL EXTERIOR STUDS TO BE 2 X 6 UNLESS OTHERWISE NOTED. ALL INTERIOR STUDS TO BE 2 X 4 STUDS UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS ARE TO FACE OF STUD U.N.O.
7. EXIT SIGNS SHALL BE IN HIGH CONTRAST WITH THEIR BACKGROUND, BLOCK LETTERS, 6" HIGH WITH A 3/4" STROKE (MINIMUM). THE LUMINANCE ON THE FACE SHALL BE NOT LESS THAN 5.0 FOOTCANDLES.
8. INSTALL SMOKE DETECTORS IN HALLWAYS PER MANUFACTURER'S REQUIREMENTS AND LISTING REQUIREMENTS.
9. ALL RESTROOMS SHALL BE ACCESSIBLE TO THE PHYSICALLY HANDICAPPED.
10. NO DOOR SHALL PROJECT INTO REQUIRED CORRIDOR WIDTH WHEN FULLY OPENED OR MORE THAN HALF INTO REQUIRED CORRIDOR WIDTH WHEN IN ANY POSITION.
11. MEN'S SHOWERS #107 AND WOMEN'S SHOWERS #108 TO HAVE PLASTIC LAMINATE COUNTER, SPLASH AND APRON.
12. MUSTER ROOM #118 CABINETS TO HAVE PLASTIC LAMINATE FACE AT TOP, BOTTOM, COUNTER AND SPLASH.
13. STORAGE ROOM #111 CABINET FACE, DESK TOP AND EDGING TO HAVE PLASTIC LAMINATE.

SYMBOLS

- DETAIL NUMBER / SHEET NUMBER
- SECTION LETTER / SHEET NUMBER
- DOOR NUMBER
- WINDOW LETTER
- ACCESSORY LETTER
- ROOM NUMBER / INTERIOR ELEVATION NUMBER / SHEET NUMBER
- NOTE NUMBER
- LOUVER NUMBER
- 2 X 4 STUD WALL
- 2 X 6 STUD WALL TYP. U.N.O. SEE STRUCT. DRAWINGS.
- FREE STANDING INTERIOR PARTITION N.L.C.
- F.X. FIRE EXTINGUISHER
- D.S. DOWNSPOUT
- CONCRETE WALL

FIRE DEPARTMENT NOTES

1. FIRE DEPARTMENT FINAL INSPECTION REQUIRED. SCHEDULE ALL INSPECTIONS 24 HOURS IN ADVANCE. PHONE (714) 744-0481.
2. EXTINGUISHER LOCATIONS AND RATINGS TO BE DETERMINED BY THE FIRE INSPECTOR.
3. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS, FLAMMABLE GASES AND HAZARDOUS CHEMICALS SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS.
4. FIRE SPRINKLER SYSTEMS PER N.F.P.A. STANDARD 13 UBC STANDARD 38 SHALL BE PROVIDED TO PROTECT ENTIRE BUILDING.
5. FIRE SPRINKLER SYSTEMS AND ALL CONTROL VALVES INCLUDING EXTERIOR, SHALL BE SUPERVISED TO A U.L. LISTED CENTRAL ALARM STATION OR PER UFC, SECTION 10.309/10.310.
6. ON-SITE FIRE HYDRANTS, POST INDICATOR VALVES AND RISERS TO FIRE DEPARTMENT CONNECTIONS SHALL BE PAINTED SAFETY RED.
7. PLANS OF FIRE HYDRANT AND FIRE SPRINKLER SYSTEMS SHALL BE APPROVED BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
8. FIRE FLOW: 1,500 GPM FOR ONE HOUR FROM ONE HYDRANT.
9. DRAPES AND OTHER DECORATIVE MATERIALS SHALL BE FLAME RETARDANT. CERTIFICATION THEREOF SHALL BE PROVIDED. EXITS, EXIT LIGHTS, FIRE ALARM STATIONS, HOSE CABINETS AND EXTINGUISHER LOCATIONS SHALL NOT BE CONCEALED BY DECORATIVE MATERIAL.
10. INTERIOR FINISH SHALL CONFORM WITH TITLE 19, CAC, SECTION 3-420A.
11. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
12. "EXIT" SIGNS SHALL BE #710 RED FACE WITH WHITE LETTERS AS MANUFACTURED BY EVERGLOW SELF-POWERED LIGHTING, INC., (914) 692-6930.

PROJECT DATA

APPLICABLE CODE: UBC 1991 EDITION

BUILDING AREA AND TYPE OF CONSTRUCTION:

BUILDING ONE = 2,880 S.F.

CONSTRUCTION TYPE: VN FIRE SPRINKLERED

OCCUPANCY: B2 @ 2,880 S.F. ÷ 100 = 29

JUSTIFICATION: BASIC ALLOWABLE FLOOR AREA (TABLE 5-C) 6,000 SF

ALLOWABLE INCREASE (TABLE 505-C) X 3

TOTAL ALLOWABLE SF = 24,000

NOT INCLUDED

BUILDING TWO = 4,800 S.F.

CONSTRUCTION TYPE: VN FIRE SPRINKLERED

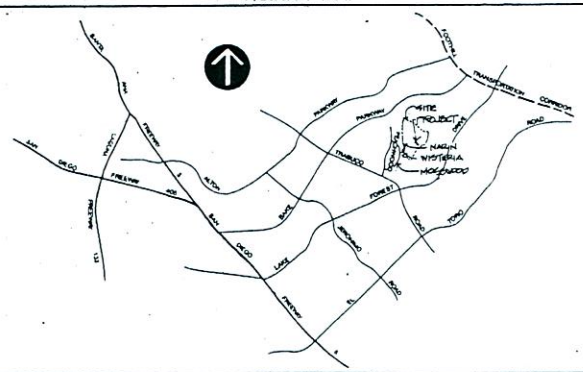
OCCUPANCY: B1 @ 4,800 S.F. ÷ 200 = 24

JUSTIFICATION: BASIC ALLOWABLE FLOOR AREA (TABLE 5-C) 8,000 SF

ALLOWABLE INCREASE (TABLE 505-C) X 3

TOTAL ALLOWABLE SF = 24,000

VICINITY MAP



APPROVED

ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENT HEALTH DIVISION
HAZARDOUS MATERIALS MANAGEMENT SECTION
THIS APPROVAL IS VALID FOR 12 MONTHS FROM THE APPROVAL DATE

Plan Reviewed By | Date 12/11/02 | Plan # 0103229

This approval shall not be construed to permit the violation of any law, nor does it preclude further corrections of errors found on the plans. Plans must be resubmitted for approval if any additional changes are made by the applicant.

In addition to this approval, all applicable permits required by the local fire department, building department, and the Air Quality Management District must be obtained.

Underground tank installation, removal, and repair inspections are required and must be scheduled 48 hours in advance. Contact (714) 667 - 3600 for an appointment.

A copy of these approved plans must be available at the site at all times.

RECEIVED
DEC 10 2002
ENVIRONMENTAL HEALTH
NOTICE

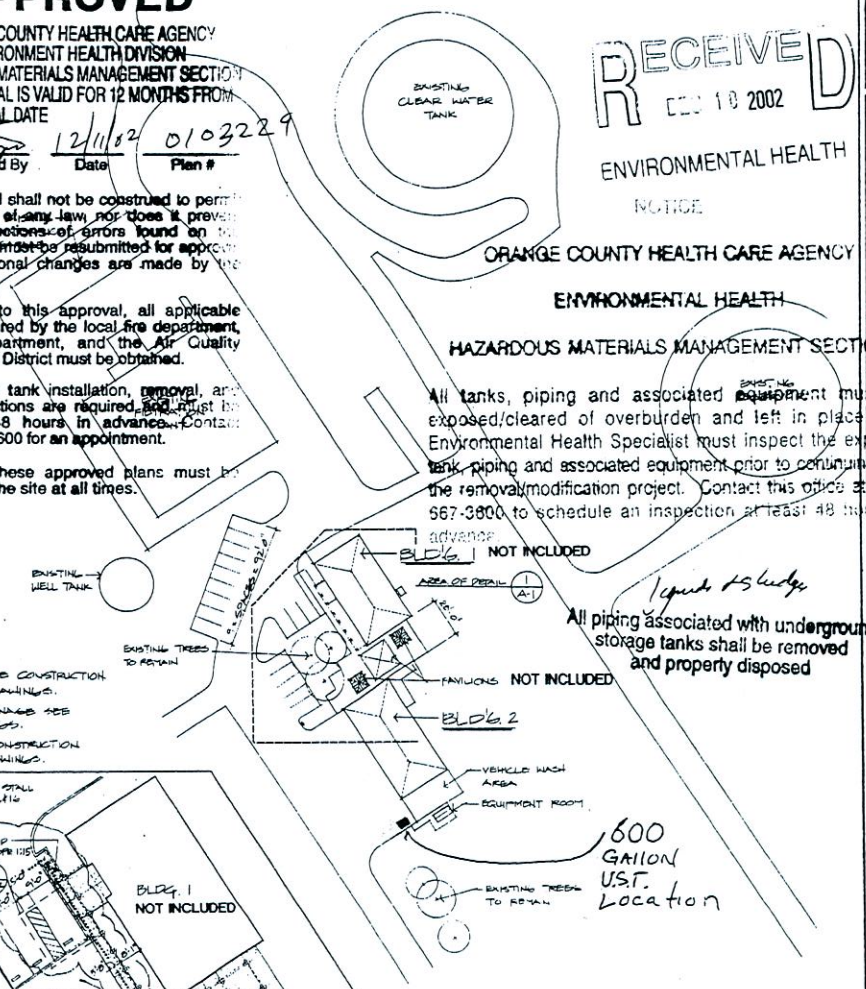
ORANGE COUNTY HEALTH CARE AGENCY

ENVIRONMENTAL HEALTH

HAZARDOUS MATERIALS MANAGEMENT SECTION

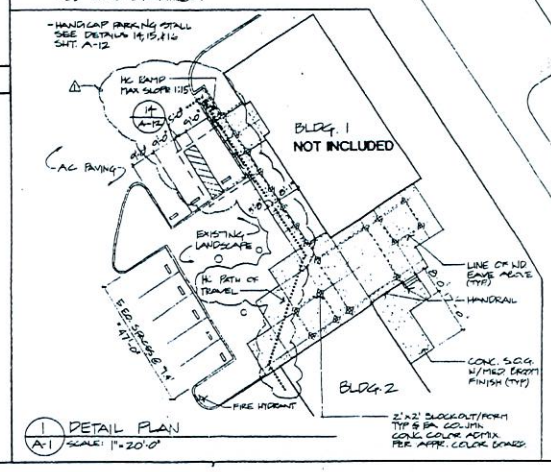
All tanks, piping and associated equipment must be exposed/cleared of overburden and left in place. An Environmental Health Specialist must inspect the exposed tank, piping and associated equipment prior to continuing with the removal/modification project. Contact this office at (714) 667-3600 to schedule an inspection at least 48 hours in advance.

All piping associated with underground storage tanks shall be removed and property disposed



OVERALL SITE PLAN

NOTE:
1. FOR HARDSCAPE CONSTRUCTION SEE CIVIL DRAWINGS.
2. FOR SITE DRAINAGE SEE CIVIL DRAWINGS.
3. FOR PAVING CONSTRUCTION SEE CIVIL DRAWINGS.



1/A-1 DETAIL PLAN
SCALE: 1"=20'-0"

A	7/17/02	PLAN CHECK CORRECTIONS			

SITE PLAN

LOS ALISOS WATER DISTRICT
BAKER FILTRATION PLANT
WATER CONTROL FACILITY
EL TORO
CALIFORNIA

JOB # ES L21 510 01
DESIGN MP / RL
DRAWN RL
CHECKED
DATE
SCALE AS SHOWN
SHEET A-1

1501 Quail Street P.O. Box 3030
Newport Beach, CA 92658-8026
714/476-3300
BOYLE ENGINEERING CORPORATION

ALL PLANS, DESIGNS AND IDEAS SHOWN ON THE DRAWING ARE THE PROPERTY OF BOYLE ENGINEERING CORPORATION, ARCHITECT-ENGINEER DIVISION, AND SHALL NOT BE USED, DISCLOSED OR REPRODUCED BY ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN PERMISSION

OCFA RECORD

ORANGE COUNTY FIRE AUTHORITY

Clerk of the Authority/Records Management
1 Fire Authority Road
Irvine, CA 92602

FAX COVER PAGE

To: Meredith Church - Leighton

Fax #: 949-250-1114

Phone #:

Number of Pages (including cover):

Date:

From: Robin Nelson, Management Assistant

Telephone: (714) 573-6043

Fax: (714) 368-8826

COMMENTS: Here are copies of Orth.

ORANGE COUNTY FIRE AUTHORITY

Clerk of the Authority
1 Fire Authority Road
Irvine, CA 92602
P.O. Box 57115
Irvine, CA 92619-7115
Phone (714) 573-6040
Fax (714) 368-8826

FAX COVER PAGE

To: Meredith Church/Leighton

Fax # 949-250-1114

Number of Pages (including cover): 1

Date: April 8, 2008

From: Robin Nelson-Glotfelty

Telephone # 714-573-6043

COMMENTS: The information you requested for MARIN & WISTERIA in LAKE FOREST is ready. Please send a check for $5.00 payable to Orange County Fire Authority and a self-addressed, stamped envelope to the address (P. O. Box) listed above. Upon receipt, we will mail the reports to you.

ORANGE COUNTY FIRE AUTHORITY

Report run on: April 23, 2008 1:43 PM

BUSINESS RECORDS AT: 20996 MARIN
LAKE FOREST

Bus Id: 29274 DBA: **IRVINE RANCH WATER DISTRICT** Status: Active
20996 MARIN Bldg# Ste#
LAKE FOREST
Last Insp Date: 13 DEC 2005 Bus Type: WATER UTILITY
Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 5, NO HAZARDOUS MATERIALS
Alarm Type:
Sprinkler Type: 1 WET PIPE, SUPERVISED Sprinkler Due Date: 17 JAN 2007

VIOLATIONS

Identify Date: 13 DEC 2005

House Keeping: 0 Fire Protect: 1 High Piled: 0 Electrical: 0

Exiting: 0 Permit Related: 0 Hazmat Related: 0 Misc: 0

Notice Issued Dt: 13 DEC 2005 Self Clr Issued Dt:

1st Reinsp clear: Y Date: 17 JAN 2006 2nd Reinsp clear: Date:
3rd Reinsp clear: Date: 4th Reinsp clear: Date:
5th Reinsp clear: Date:

PERMITS : **NO PERMITS FOUND** *****

CHEMICALS : **NO CHEMICALS FOUND** *****

***** **END OF REPORT** *****

OCFA ClerksOffice Fax:7143688826 Apr 23 2008 14:23 P.02

ORANGE COUNTY FIRE AUTHORITY

Report run on: April 23, 2008 1:44 PM

BUSINESS RECORDS AT: 21082 WISTERIA
LAKE FOREST

Bus Id: 23794 DBA: **IRWD - V P BAKER FILTRATION PLANT** Status: Active
21082 WISTERIA Bldg# A Ste#
LAKE FOREST
Last Insp Date: 12 MAR 2008 Bus Type: WATER UTILITY
Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 4, LOW/ROUTINE HAZARDS
Alarm Type:
Sprinkler Type:0 Sprinkler Due Date:

VIOLATIONS

PERMITS

Permit No	Permit description	Issued Date	Expiration Date	Occupancy Load
AL1R	Liquefied Petroleum Gas Reissuance	15 DEC 2007	15 DEC 2008	
M150	$35 Permit Admin/Drive	17 MAR 2008	17 MAR 2009	

CHEMICALS

Trade Name/ Comp Name	Component Cas#	Component Percent	Component Carcin	Component Ahm	Chem Id	Max Day Amt	Unit
PROPANE					286141	288	GA
PROPANE	74986	99	N	Y			

***** END OF REPORT *****

UCFH ClerkSuffice Fax:7145688826 Apr 23 2008 14:23 P.03

ORANGE COUNTY FIRE AUTHORITY

Report run on: April 23, 2008 1:44 PM

BUSINESS RECORDS AT: 21082 WISTERIA
LAKE FOREST

Bus Id: 80866 DBA: **IRWD - V P BAKER FILTRATION PLANT** Status: Active
21082 WISTERIA Bldg# B Ste#
LAKE FOREST
Last Insp Date: 12 MAR 2008 Bus Type: WATER UTILITY
Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 2, HIGH HAZARDS
Alarm Type:
Sprinkler Type: 0 Sprinkler Due Date:

VIOLATIONS

Identify Date:

House Keeping: 0 Fire Protect: 0 High Piled: 0 Electrical: 0

Exiting: 0 Permit Related: 0 Hazmat Related: 0 Misc: 0

Notice Issued Dt: Self Clr Issued Dt:

1st Reinsp clear: Date: 2nd Reinsp clear: Date:
3rd Reinsp clear: Date: 4th Reinsp clear: Date:
5th Reinsp clear: Date:

PERMITS

Permit No	Permit description	Issued Date	Expiration Date	Occupancy Load
F.3.3	COMBUSTIBLE LIQUIDS	04 MAR 2003	15 DEC 2003	

CHEMICALS

Trade Name/ Comp Name	Component Cas#	Component Percent	Component Carcin	Component Ahm	Chem Id	Max Day Amt	Unit
DIESEL FUEL					286011	0	GA
DIESEL FUEL NO.2-PETROLEUM MID- DISTILLA	68476346	99	N	N			
DIESEL FUEL					286011	0	GA
NAPHTHALENE	91203	1	N	N			

***** END OF REPORT *****

OCFA ClerksOffice Fax:7143688826 Apr 23 2008 14:23 P.04

ORANGE COUNTY FIRE AUTHORITY

Report run on: April 23, 2008 1:44 PM

BUSINESS RECORDS AT: 21082 WISTERIA
LAKE FOREST

Bus Id: 80867 DBA: **IRWD - V P BAKER FILTRATION PLANT** Status: Active
21082 WISTERIA Bldg# C Ste#
LAKE FOREST
Last Insp Date: 12 MAR 2008 Bus Type: WATER UTILITY
Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 4, LOW/ROUTINE HAZARDS
Alarm Type:

Sprinkler Type: 1 WET PIPE, SUPERVISED Sprinkler Due Date: 01 MAR 2009

VIOLATIONS

PERMITS

Permit No	Permit description	Issued Date	Expiration Date	Occupancy Load

CHEMICALS

Trade Name/ Comp Name	Component Cas#	Component Percent	Component Carcin	Component Ahm	Chem Id	Max Day Amt	Unit

******* END OF REPORT *******

OCFA ClerksOffice Fax:7143688826 Apr 23 2008 14:24 P.05

ORANGE COUNTY FIRE AUTHORITY

Report run on: April 23, 2008 1:44 PM

BUSINESS RECORDS AT: 21082 WISTERIA
LAKE FOREST

Bus Id: 80868 DBA: IRVNE RANCH WATER DISTRICT Status: Active
21082 WISTERIA Bldg# D Ste#
LAKE FOREST
Last Insp Date: 12 MAR 2007 Bus Type: WATER UTILITY
Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 4, LOW/ROUTINE HAZARDS
Alarm Type:

Sprinkler Type: 1 WET PIPE, SUPERVISED Sprinkler Due Date: 20 DEC 2010

VIOLATIONS

Identify Date:

House Keeping: 0 Fire Protect: 0 High Piled: 0 Electrical: 0

Exiting: 0 Permit Related: 0 Hazmat Related: 0 Misc: 0

Notice Issued Dt: Self Clr Issued Dt:

1st Reinsp clear: Date: 2nd Reinsp clear: Date:
3rd Reinsp clear: Date: 4th Reinsp clear: Date:
5th Reinsp clear: Date:

PERMITS

Permit No	Permit description	Issued Date	Expiration Date	Occupancy Load
F.3.3	COMBUSTIBLE LIQUIDS	15 DEC 2005	15 DEC 2006	

CHEMICALS

Trade Name/ Comp Name	Component Cas#	Component Percent	Component Carcin	Component Ahm	Chem Id	Max Day Amt	Unit
DIESEL					346183	223	GA
DIESEL	68476346	100	N	N			

***** END OF REPORT *****

UCFH ClerkSuffice Fax:7145688826 Apr 23 2008 14:24 P.06

ORANGE COUNTY FIRE AUTHORITY

Report run on: April 23, 2008 1:44 PM

BUSINESS RECORDS AT: 21082 WISTERIA
LAKE FOREST

Bus Id: 99233 DBA: **IRWD - LOS ALISOS EMERGENCY RESERVOI]** Status: Active
21082 WISTERIA Bldg# E Ste#
LAKE FOREST
Last Insp Date: 23 JAN 2008 Bus Type: VACANT PROPERTY
Insp Type: ROUTINE INSPECTION Insp Category: CATEGORY 5, NO HAZARDOUS MATERIALS
Alarm Type:
Sprinkler Type:0 Sprinkler Due Date:

VIOLATIONS

PERMITS

Permit No	Permit description	Issued Date	Expiration Date	Occupancy Load

CHEMICALS

Trade Name/ Comp Name	Component Cas#	Component Percent	Component Carcin	Component Ahm	Chem Id	Max Day Amt	Unit
SODIUM HYPOCHLORITE					565558	1000	GA
SODIUM HYPOCHLORITE	7681529	12.5	N	N			
AQUEOUS AMMONIA					565560	100	GA
AMMONIUM HYDROXIDE	1336216	29	N	N			

***** END OF REPORT *****

UCFH CLERKSUTTICE FAX:7145688826 Apr 23 2008 14:24 P.07

I

J

Certified Sanborn® Map Report

Sanborn® Library search results
Certification # FDD7-4D55-8280

Former IRWD Site
Commercentre Drive/Biscayne Parkway Drive
Lake Forest, CA 92630

Inquiry Number 2181254.3

March 28, 2008

EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Certified Sanborn® Map Report

3/28/08

Site Name:
Former IRWD Site
Commercentre Drive/Biscayne
Lake Forest, CA 92630

EDR Inquiry # 2181254.3

Client Name:
Leighton and Associates, Inc.
17781 Cowan
Irvine, CA 92614

Contact: Meredith Church

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Leighton and Associates, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn 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:	Former IRWD Site
Address:	Commercentre Drive/Biscayne Parkway Drive
City, State, Zip:	Lake Forest, CA 92630
Cross Street:	
P.O. #	NA
Project:	011797-003
Certification #	FDD7-4D55-8280

Sanborn® Library search results
Certification # FDD7-4D55-8280

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

Total Maps: 0

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K

The EDR-City Directory
Abstract

Former IRWD Site
20996 Marin
Lake Forest, CA 92630

Inquiry Number: 2181254.6

Tuesday, April 08, 2008

EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

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

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

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1981 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: April 8, 2008

Target Property:
20996 Marin
Lake Forest, CA 92630

Year	*Uses*	*Source*
1981	Street Not Listed in Research Source	Haines Criss-Cross Directory
1986	Street Not Listed in Research Source	Haines Criss-Cross Directory
1991	Los Alisos Water District	Haines Criss-Cross Directory
1996	Los Alisos Water District	Haines Criss-Cross Directory
2001	Address Not Listed in Research Source	Haines Criss-Cross Directory
2006	Address Not Listed in Research Source	Haines Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Lake Forest, CA 92630

Year	*Uses*	*Source*
1981	Street Not Listed in Research Source	Haines Criss-Cross Directory
1986	Street Not Listed in Research Source	Haines Criss-Cross Directory
1991	**Marin**	Haines Criss-Cross Directory
	No Return (20991)	Haines Criss-Cross Directory
	No other addresses in 20991-21015 range	Haines Criss-Cross Directory
	Wisteria	Haines Criss-Cross Directory
	Address not listed in research source (21082)	Haines Criss-Cross Directory
	Address not listed in research source (21084)	Haines Criss-Cross Directory
1996	**Marin**	Haines Criss-Cross Directory
	No Return (20991)	Haines Criss-Cross Directory
	No other addresses in 20991-21015 range	Haines Criss-Cross Directory
	Wisteria	Haines Criss-Cross Directory

Year	Uses	Source
1996	Address not listed in research source (21082)	Haines Criss-Cross Directory
	Address not listed in research source (21084)	Haines Criss-Cross Directory
2001	**Marin**	Haines Criss-Cross Directory
	Residence (20991)	Haines Criss-Cross Directory
	Residence (20995)	Haines Criss-Cross Directory
	Residence (21011)	Haines Criss-Cross Directory
	Residence (21015)	Haines Criss-Cross Directory
	Wisteria	Haines Criss-Cross Directory
	Address not listed in research source (21082)	Haines Criss-Cross Directory
	Address not listed in research source (21084)	Haines Criss-Cross Directory
2006	**Marin**	Haines Criss-Cross Directory
	Residence (20991)	Haines Criss-Cross Directory
	Residence (20995)	Haines Criss-Cross Directory
	Residence (21011)	Haines Criss-Cross Directory
	Residence (21015)	Haines Criss-Cross Directory
	Wisteria	Haines Criss-Cross Directory
	Address not listed in research source (21082)	Haines Criss-Cross Directory
	Address not listed in research source (21084)	Haines Criss-Cross Directory

4

FACSIMILE COVER SHEET

25550 Commercentre Drive
Lake Forest, California 92630
Telephone: (949) 461-3400
Public Works Fax: (949) 461-3511 or (949) 461-3512

TO: MERIDETH CHURCH

COMPANY/ORGANIZATION:

FACSIMILE NO: (949) 250-1114 TEL. NO: (949) 681-4208

FROM: STEVE GONZALES DATE: 4/3/2008

TOTAL NUMBER OF PAGES INCLUDING THIS ONE: 2

MESSAGE:

BUILDING PERMIT REFERENCE CARD FOR AN ADMINISTRATIVE FACILITY FOR THE LOS ALISOS WATER DISTRICT LOCATED @ 20996 MARIN.

- ISSUED BY THE COUNTY OF ORANGE
- PERMIT # 80041
- ISSUE DATE: 10/11/1990

20996 Marin 10-11-90 El Toro

Los Alisos Water Dist
administration facility,

BUILDING	~~PLASTER~~	PLUMBING	HEATING	ELECTRIC
80041	PLUMB 295289 7.8.92	259804 11-28-90 261194 12/26/90 267163 7/8/91	ME9106070002	

CRS F 0250-176

SENT P.P. PLAN TO P.W., PLANNING, HEALTH-ALL, 10-20-92

APPLICATION FOR BUILDING PERMIT
CITY OF LAKE FOREST

FOR APPLICANT TO FILL IN (PRINT OR TYPE)

Building Address 21092 WISTERIA
LAKE FOREST, CA
Owner LOS ALISOS WATER DISTRICT
Mail Address 22312 MUIRLAND, RD.
City LAKE FOREST, CA Tel. No. 830-0580
Contractor ELLIOT CORP.
Address
City Tel. No.
State Lic. No. Lic. Class

Architect or Engineer BOYLE Lic. No. C1847
Address 1501 QUAIL ST.
City NEWPORT BEACH Tel. No. 476-3300
Applicant MARC FANGE Tel. No.
Address
City Zip
Legal Description Lot No.
Block Tract
Size of Lot No. of Bldgs. Now on Lot

Sq. Ft. Size 3200 | No. of Stories | No. of Families NA

Description of Work VEHICLE MAINT. SHOP BLDG.

Use of Existing Bldg. VACANT

Check One
New ☑ Alter ☐ Demol ☐
Add ☐ Repair ☐ Occupancy ☐

Use Zone | Map No. | Special Conditions

Final Date 9-5-93 By [illegible]
Assessor Map Book 104 Page 13 Parcel 36
Group B1 | Type Construction VN/SPRINK | Fire Zone | Processed By [illegible]
Statistical Classification Class No 422 Dwell. Units 70 | Sewer Map Bk Pg

VALUATION $ 350,000.—

REVISED VALUATION $

Plan Check Fee $ 1192.92
Additional Plan Check Fee $
Permit Fee DBL FEE $ 3407.00
Issuance Fee $ 25.00
Drainage Fee $
Dwelling Unit Fee $
Strong Motion Fee $ 73.50
Traffic Fee $

TOTAL $ 3432.00

PLAN CHECK VALIDATION
7-6-92 000010
CK. CASH M.O.

PERMIT VALIDATION
9-30-92 000362
CK. CASH M.O.

City of Lake Forest
23778 Mercury Road
Lake Forest, Ca. 92630
(714) 707-5583

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class _____ License Number _____

Date _____ Contractor _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☒ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec. _____, B. & P. C. for this reason _____

Date 9-30-92 Owner Marc Fange

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished. ☐ Certified copy is filed with the city building inspection department.

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date 9-30-92 Applicant Marc Fange

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____ Lender's Address _____

This permit will expire if work is not started within **one year** of issuance or if the work is abandoned or suspended for **one year**.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Marc Fange — Signature of Applicant or Agent
9-30-92 — Date

1

INSPECTOR COPY

PLANS TO APPLICANT					INSPECTOR'S NOTES
To:		Returned		Approved	
No.	Date	No.	Date		

Approvals	Required Yes	Required No	Date Received or Approved
Water Certificate			
Health Department			
Fire Department			
Grading			
Geological			
Pedestrian Protection (Fence) (Canopy)			
Special Inspection (Conc.) (Masonry) (Welding)			
Lot Drainage			
Parking			

Approvals	Date	Inspector's Signature
Location — (Setback & Yards)		
Foundations		
Slab		
Frame		
Energy Insulation		
Lath/Drywall — Interior	10-2-96	[illegible]
Lath — Exterior		
House Number — Correct & Posted		
Final — Enter on Front		

OK PER DEPUTY INSP. REPORTS SEE ATTACHED

OK PER DEPUTY INSP. REPORTS SEE ATTACHED

LAKE FOREST

Bldg Permit #:62

APPLICATION FOR PLUMBING PERMIT

CITY OF LAKE FOREST

Building Address	21082 Westeria
Owner	Los Alisos Water District
Mail Address	21082 Westeria
City	Lake Forest Tel. No.
Contractor	Hicks Mechanical
Address	3960 Prospect Ave #B
City	Yorba Linda Tel. No. 528-1305
State Lic. No.	454151 Lic. Class C-36

Architect or Engineer	Lic. No.
Address	
City	Tel. No.
Applicant	Tel. No.
Address	
City	Zip
Legal Description	Lot No.
Block	Tract
Size of Lot	No. of Bldgs. Now on Lot
Use of Buildings	

FOR APPLICANT TO FILL IN (PRINT OR TYPE)				
Number	Fixture or Item	@	Fee	
	Toilet			
	Bath Tub			
	Shower			
	Lavatory			
1	Sink		7	00
	Dishwasher			
	Clothes Washer			
	Swimming Pool Receptor			
	Lawn Sprinkler System			
1	Water Heater		7	
1	Gas System 1 Outlets		7	00
	Outlets over 5 per system			
4	Floor Drain		28	00
1	Grease Interceptor		16	00
PLAN CHECK FEE				
PLUMBING PERMIT ISSUING FEE $			25	00
TOTAL FEE $			83	00

PLAN CHECK VALIDATION

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-36 License Number 454151

Date 10-5-92 Contractor Hicks Mechanical

X Steve Hicks

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec. _____, B. & P. C. for this reason _____

Date _____ Owner _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC 110456947 Company CNA

☒ Certified copy is hereby furnished. ☐ Certified copy is filed with the city building inspection department.

Date 10-5-92 Applicant Steve Hicks

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____ Lender's Address _____

This permit will expire if work is not started within 180 days of issuance or if the work is abandoned or suspended for 180 days.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

Steve Hicks 10-5-92

Signature of Applicant or Agent Date

City of Lake Forest
23178 Mercury Road
Lake Forest, Ca. 92630
(714) 707-5583

PERMIT VALIDATION

10-5-92

000382

1

INSPECTION NOTES

Approvals	Date	Inspector's Signature
Under Slab Work		
Rough Plumbing		
Gas Piping		
Cut Sink		
Hot Water Heater		
Plumbing Fixtures		
Gas Test		
Utility Co. Notified		
Final	4-5-93	

APPLICATION FOR HEATING, VENTILATING, AIR CONDITIONING PERMIT
CITY OF LAKE FOREST

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	
Building Address	21082 WISTERIA
Owner	LOS ALISOS WATER DIST.
Mail Address	21082 WISTERIA
City	~~EL TORO~~ LAKE FOREST Tel No
Contractor	TEMP-AIR HTG & AC INC
Address	601 A W. Lambert Rd.
City	LA HABRA CA Tel No 714-870-7281
State Lic No	363290 Lic Class C20

Architect or Engineer	Lic. No.
Address	
City	Tel. No.
Applicant	Tel. No.
Address	
City	Zip
Legal Description	Lot No.
Block	Tract
Size of Lot	No. of Bldgs. Now on Lot
Use of Buildings	

FOR APPLICANT TO FILL IN (PRINT OR TYPE)		
No.	Type of Appliance or Equipment	Fee
	Absorption Unit, BTU	
	Air Handling Unit, CFM	
	Boiler, BTU	
	Compressor, BTU	
2	Ventilation System	18 —
	Evaporative Cooler	
	Furnace: FAU Gravity Floor BTU	
2	Heater: Suspended Unit X Wall	44 —
Plan Check fee	% of above.	
	PERMIT ISSUING FEE $	25 —
	TOTAL FEE	87 —

PLAN CHECK VALIDATION

1

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-20 License Number 363290

Date 10-7-92 Contractor [signature]

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec. _____, B. & P. C. for this reason _____

Date _____ Owner _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 207827693 Company CNA

☐ Certified copy is hereby furnished. ☒ Certified copy is filed with the city building inspection department.

Date 10-7-92 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____ Lender's Address _____

This permit will expire if work is not started within 180 days of issuance or if the work is abandoned or suspended for 180 days.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

[signature] 10-7-92

Signature of Applicant or Agent Date

CITY OF LAKE FOREST

City of Lake Forest
[illegible]
Lake Forest, CA [illegible]
(714) 707-[illegible]

CK. CASH M.O.

PERMIT VALIDATION

$87.—
10.7.92

000384

CK. CASH M.O.

INSPECTOR COPY

APPLICATION FOR ELECTRICAL PERMIT

CITY OF LAKE FOREST

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	
Building Address	21082 HISTORIA
Owner	LOS ALISOS WATER DIST
Mail Address	PO BOX 622
City	LAKE FOREST Tel. No. 830-0580
Contractor	STREECH ELECTRIC CO.
Address	3870 E. EAGLE DRIVE
City	ANAHEIM, CA. Tel. No. 632-6780
State Lic. No.	C10 166873 Lic. Class

Architect or Engineer	BOYLE ENG Lic. No.
Address	
City	NEWPORT BEACH Tel. No.
Applicant	Tel. No.
Address	
City	Zip
Legal Description	Lot No.
Block	Tract
	No. of Bldgs. Now on Lot
Use of Buildings	

City of Lake Forest
23778 Mercury Road
Lake Forest, Ca. 92630
(714) 707-5583

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License Number C10 166873

Date 10-8-92 Contractor STREECH ELECTRIC

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec. _____, B. & P. C. for this reason _____

Date _____ Owner _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 73 PR006 8895002 Company NATIONWIDE MUTUAL INSURANCE CO.

☒ Certified copy is hereby furnished. ☒ Certified copy is filed with the city building inspection department.

Date 10/8/92 Applicant Charles Spencer

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____ Lender's Address _____

This permit will expire if work is not started within 120 days of issuance or if the work is abandoned or suspended for 120 days.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Charles C. Spencer 10/8/92

Signature of Applicant or Agent Date

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	Rate	No.	Fee
New Residential Bldgs. & Pools			
1 & 2-Family, Sq. Ft.	$	—	$
Multi-Family, Sq. Ft.		—	
Residential Swimming Pools			
Outlets Rec. 24 Lighting 36 Sw. 12			
Total No. 72 First 20		20	
Additional		52	66.00
Lighting Fixtures First 20		20	
Total No. 31 Additional		11	
Fixed Appliances Not Over 1 HP			
Range ___ Heater ___ D.W. ___			
Oven ___ Dryer ___ W.M. ___			
Top ___ FAU ___ W.H. 1			
Hood ___ Fan 2 Other ___			
Disp. ___ Room Air Cond. 1		4	44.00
Power Apparatus & Large Appliances			
Size & Type HP, KW, KVA, or KVAR			
___ Up to 1 Incl.			
6 Over 1 to 10 Incl.		6	66.00
2 Over 10 to 50 Incl.		2	44.00
___ Over 50 to 100 Incl.			
___ Over 100			
Services			
0 - 200 Amp. Under 600 V		1	22.00
201 - 1000 Amp. Under 600 V			
Over 1000 Amp. or Over 600 V			
Temp. Power Pole & Appurtenances			
Sign with One Branch Circuit			
Additional Sign Branch Circuits			
Misc. Conduits & Conductors			
Other (See Compl. Fee Sched.)			
SUB-PANELS		2	22.00
PERMIT FEE	(Sub-Total)		264.60
PLAN CHECKING FEE			
PERMIT ISSUING FEE	$		25.00
TOTAL FEE	289.60		

PLAN CHECK VALIDATION

CK. CASH M.O.

PERMIT VALIDATION
$289.60
10-8-92 MDC

000405

INSPECTOR COPY

Approvals	Date	Inspector's Signature
Temp. Power Pole		
Lower Stab Work		
Rough Contour		
Wiring		
Fixtures		
Power Authorized		
Safety Co. Notified		
Final		

INSPECTOR'S NOTES

City of Lake Forest
23775 Mercury Road
Lake Forest, Ca. 92630
(714) 707-5333

APPLICATION FOR ELECTRICAL PERMIT
CITY OF LAKE FOREST

10-8-92

APPLICATION FOR BUILDING PERMIT

CITY OF

FOR APPLICANT TO FILL IN (PRINT OR TYPE)	
Building Address	Wisteria
	Lake Forest
Owner	Los Alisos Water District
Mail Address	21082 Wisteria
City	Lake Forest Tel No.
Contractor	Hicks Mechanical
Address	3460 Prospect Ave B
City	Yorba Linda Tel. No. 528-1309
State Lic. No.	454151 Lic. Class C-16

Architect or Engineer	Lic. No.
Address	
City	Tel. No.
Applicant	Tel. No.
Address	
City	Zip
Legal Description	Lot No.
Block	Tract
Size of Lot	No. of Bldgs. Now on Lot

Sq. Ft. Size 5000	No. of Stories	No. of Families
Description of Work	Install 55 Sprinklers	
Use of Existing Bldg	Warehouse	

Check One: New ☒ Alter ☐ Demol ☐ Add ☐ Repair ☐ Occupancy ☐

Use Zone	Map No.	
	Special Conditions	
Final Date 4-5-93	By RWH	
Assessor Map Book 610	Page	Parcel
Group B-2	Type Construction III	Fire Zone Processed By RWH
Statistical Classification Class No. 0/5 Dwell. Units +0	Sewer Map Bk Fg	

VALUATION $ 5000.00

REVISED VALUATION $

Plan Check Fee $

Additional Plan Check Fee	$
Permit Fee	$ 143.00
Issuance Fee	$ 15.00
Drainage Fee	$
Dwelling Unit Fee	$
Strong Motion Fee	$ 1.05
Traffic Fee	$
TOTAL	$ 159.05

PLAN CHECK VALIDATION

CK CASH M.O.

PERMIT VALIDATION

RWH 001077

3-29-93

CK. CASH M.O.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-16 License Number 454151

Date 3-28-93 Contractor Hicks Mechanical

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code).

☐ I am exempt under Sec. _____ B. & P. C. for this reason _____

Date _____ Owner _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3700 Lab. C).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished. ☒ Certified copy is filed with the city building inspection department.

Date 3-28-93 Applicant Hicks Mechanical

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant _____

WITH EXCEPTIONS: If I am attempting this certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

This permit will expire if work is not started within **one year**. If issuance or if the work is abandoned or suspended for **one year**.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent _____ Date 3-28-93

INSPECTOR COPY

PLANS TO APPLICANT				
To		Returned		Approved
No.	Date	No.	Date	

Approvals	Required		Date Received or Approved
	Yes	No	
Water Certificate			
Health Department			
Fire Department			
Grading			
Geological			
Pedestrian Protection (Fence) (Canopy)			
Special Inspection (Conc.) (Masonry) (Welding)			
Lot Drainage			
Parking			

Approvals	Date	Inspector's Signature
Location — (Setback & Yards)		
Foundations		
Slab		
Frame		
Energy Insulation		
Lath/Drywall — Interior		
Lath — Exterior		
House Number — Correct & Posted		
Final — Enter on Front		

INSPECTOR'S NOTES

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Important Information about Your Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change,* sometimes suddenly, due to any number of events, not the least of which include occurrences at

adjacent sites. Recognize, too, that *even some conditions in tested areas may go undiscovered,* because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

Do Not Permit Any Other Party To Rely on the Report

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care.

Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not "boilerplate."* They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

Membership in ASFE exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your ASFE-member geoenvironmental professional for more information.

ASFE
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